package com.twitter.visibility.rules

import com.twitter.visibility.configapi.params.RuleParam

import com.twitter.visibility.configapi.params.RuleParams

import com.twitter.visibility.models.ContentId

import com.twitter.visibility.rules.ConversationControlRules.\_

import com.twitter.visibility.rules.FollowerRelations.AuthorMutesViewerRule

import com.twitter.visibility.rules.FollowerRelations.ProtectedViewerRule

import com.twitter.visibility.rules.PolicyLevelRuleParams.ruleParams

import com.twitter.visibility.rules.PublicInterestRules.\_

import com.twitter.visibility.rules.SafeSearchTweetRules.\_

import com.twitter.visibility.rules.SafeSearchUserRules.SafeSearchNsfwAvatarImageUserLabelRule

import com.twitter.visibility.rules.SafeSearchUserRules.\_

import com.twitter.visibility.rules.SpaceRules.\_

import com.twitter.visibility.rules.ToxicityReplyFilterRules.ToxicityReplyFilterDropNotificationRule

import com.twitter.visibility.rules.ToxicityReplyFilterRules.ToxicityReplyFilterRule

import com.twitter.visibility.rules.UnsafeSearchTweetRules.\_

import com.twitter.visibility.rules.UserUnavailableStateTombstoneRules.\_

abstract class VisibilityPolicy(

val tweetRules: Seq[Rule] = Nil,

val userRules: Seq[Rule] = Nil,

val cardRules: Seq[Rule] = Nil,

val quotedTweetRules: Seq[Rule] = Nil,

val dmRules: Seq[Rule] = Nil,

val dmConversationRules: Seq[Rule] = Nil,

val dmEventRules: Seq[Rule] = Nil,

val spaceRules: Seq[Rule] = Nil,

val userUnavailableStateRules: Seq[Rule] = Nil,

val twitterArticleRules: Seq[Rule] = Nil,

val deletedTweetRules: Seq[Rule] = Nil,

val mediaRules: Seq[Rule] = Nil,

val communityRules: Seq[Rule] = Nil,

val policyRuleParams: Map[Rule, PolicyLevelRuleParams] = Map.empty) {

def forContentId(contentId: ContentId): Seq[Rule] =

contentId match {

case ContentId.TweetId(\_) => tweetRules

case ContentId.UserId(\_) => userRules

case ContentId.CardId(\_) => cardRules

case ContentId.QuotedTweetRelationship(\_, \_) => quotedTweetRules

case ContentId.NotificationId(\_) => userRules

case ContentId.DmId(\_) => dmRules

case ContentId.BlenderTweetId(\_) => userRules ++ tweetRules

case ContentId.SpaceId(\_) => spaceRules

case ContentId.SpacePlusUserId(\_) => spaceRules ++ userRules

case ContentId.DmConversationId(\_) => dmConversationRules

case ContentId.DmEventId(\_) => dmEventRules

case ContentId.UserUnavailableState(\_) => userUnavailableStateRules

case ContentId.TwitterArticleId(\_) => twitterArticleRules

case ContentId.DeleteTweetId(\_) => deletedTweetRules

case ContentId.MediaId(\_) => mediaRules

case ContentId.CommunityId(\_) => communityRules

}

private[visibility] def allRules: Seq[Rule] =

(tweetRules ++ userRules ++ cardRules ++ quotedTweetRules ++ dmRules ++ spaceRules ++ dmConversationRules ++ dmEventRules ++ twitterArticleRules ++ deletedTweetRules ++ mediaRules ++ communityRules)

}

object VisibilityPolicy {

val baseTweetRules = Seq(

DropCommunityTweetsRule,

DropCommunityTweetCommunityNotVisibleRule,

DropProtectedCommunityTweetsRule,

DropHiddenCommunityTweetsRule,

DropAuthorRemovedCommunityTweetsRule,

SpamTweetLabelRule,

PdnaTweetLabelRule,

BounceTweetLabelRule,

DropExclusiveTweetContentRule,

DropTrustedFriendsTweetContentRule

)

val baseTweetTombstoneRules = Seq(

TombstoneCommunityTweetsRule,

TombstoneCommunityTweetCommunityNotVisibleRule,

TombstoneProtectedCommunityTweetsRule,

TombstoneHiddenCommunityTweetsRule,

TombstoneAuthorRemovedCommunityTweetsRule,

SpamTweetLabelTombstoneRule,

PdnaTweetLabelTombstoneRule,

BounceTweetLabelTombstoneRule,

TombstoneExclusiveTweetContentRule,

TombstoneTrustedFriendsTweetContentRule,

)

val baseMediaRules = Seq(

)

val baseQuotedTweetTombstoneRules = Seq(

BounceQuotedTweetTombstoneRule

)

def union[T](rules: Seq[Rule]\*): Seq[Rule] = {

if (rules.isEmpty) {

Seq.empty[Rule]

} else {

rules.reduce((a, b) => a ++ b.filterNot(a.contains))

}

}

}

case class PolicyLevelRuleParams(

ruleParams: Seq[RuleParam[Boolean]],

force: Boolean = false) {}

object PolicyLevelRuleParams {

def ruleParams(ruleParams: RuleParam[Boolean]\*): PolicyLevelRuleParams = {

PolicyLevelRuleParams(ruleParams)

}

def ruleParams(force: Boolean, ruleParams: RuleParam[Boolean]\*): PolicyLevelRuleParams = {

PolicyLevelRuleParams(ruleParams, force)

}

}

case object FilterAllPolicy

extends VisibilityPolicy(

tweetRules = Seq(DropAllRule),

userRules = Seq(DropAllRule),

cardRules = Seq(DropAllRule),

quotedTweetRules = Seq(DropAllRule),

dmRules = Seq(DropAllRule),

dmConversationRules = Seq(DropAllRule),

dmEventRules = Seq(DropAllRule),

spaceRules = Seq(DropAllRule),

userUnavailableStateRules = Seq(DropAllRule),

twitterArticleRules = Seq(DropAllRule),

deletedTweetRules = Seq(DropAllRule),

mediaRules = Seq(DropAllRule),

communityRules = Seq(DropAllRule),

)

case object FilterNonePolicy extends VisibilityPolicy()

object ConversationsAdAvoidanceRules {

val tweetRules = Seq(

NsfwHighRecallTweetLabelAvoidRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwTextTweetLabelAvoidRule,

AvoidHighToxicityModelScoreRule,

AvoidReportedTweetModelScoreRule,

NsfwHighPrecisionUserLabelAvoidTweetRule,

TweetNsfwUserAdminAvoidRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

)

val policyRuleParams = Map[Rule, PolicyLevelRuleParams](

NsfwHighRecallTweetLabelAvoidRule -> ruleParams(

RuleParams.EnableNewAdAvoidanceRulesParam

),

NsfwHighPrecisionTweetLabelAvoidRule -> ruleParams(

RuleParams.EnableNewAdAvoidanceRulesParam

),

NsfwTextTweetLabelAvoidRule -> ruleParams(RuleParams.EnableNewAdAvoidanceRulesParam),

AvoidHighToxicityModelScoreRule -> ruleParams(RuleParams.EnableNewAdAvoidanceRulesParam),

AvoidReportedTweetModelScoreRule -> ruleParams(RuleParams.EnableNewAdAvoidanceRulesParam),

NsfwHighPrecisionUserLabelAvoidTweetRule -> ruleParams(

RuleParams.EnableNewAdAvoidanceRulesParam),

TweetNsfwUserAdminAvoidRule -> ruleParams(RuleParams.EnableNewAdAvoidanceRulesParam),

DoNotAmplifyTweetLabelAvoidRule -> ruleParams(RuleParams.EnableNewAdAvoidanceRulesParam),

NsfaHighPrecisionTweetLabelAvoidRule -> ruleParams(RuleParams.EnableNewAdAvoidanceRulesParam),

)

}

case object FilterDefaultPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule

)

)

case object LimitedEngagementBaseRules

extends VisibilityPolicy(

tweetRules = Seq(

StaleTweetLimitedActionsRule,

LimitRepliesByInvitationConversationRule,

LimitRepliesCommunityConversationRule,

LimitRepliesFollowersConversationRule,

CommunityTweetCommunityNotFoundLimitedActionsRule,

CommunityTweetCommunityDeletedLimitedActionsRule,

CommunityTweetCommunitySuspendedLimitedActionsRule,

CommunityTweetMemberRemovedLimitedActionsRule,

CommunityTweetHiddenLimitedActionsRule,

CommunityTweetMemberLimitedActionsRule,

CommunityTweetNonMemberLimitedActionsRule,

DynamicProductAdLimitedEngagementTweetLabelRule,

TrustedFriendsTweetLimitedEngagementsRule

)

)

case object WritePathLimitedActionsEnforcementPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule

) ++

LimitedEngagementBaseRules.tweetRules

)

case object TestPolicy

extends VisibilityPolicy(

tweetRules = Seq(

TestRule

)

)

case object CardsServicePolicy

extends VisibilityPolicy(

cardRules = Seq(

DropProtectedAuthorPollCardRule,

DropCardUriRootDomainDenylistRule

),

spaceRules = Seq(

SpaceHighToxicityScoreNonFollowerDropRule,

SpaceHatefulHighRecallAllUsersDropRule,

SpaceViolenceHighRecallAllUsersDropRule,

ViewerIsSoftUserDropRule

),

)

case object CardPollVotingPolicy

extends VisibilityPolicy(

cardRules = Seq(

DropProtectedAuthorPollCardRule,

DropCommunityNonMemberPollCardRule

)

)

case object UserTimelineRules {

val UserRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

)

}

case object TimelineLikedByRules {

val UserRules = Seq(

CompromisedNonFollowerWithUqfRule,

EngagementSpammerNonFollowerWithUqfRule,

LowQualityNonFollowerWithUqfRule,

ReadOnlyNonFollowerWithUqfRule,

SpamHighRecallNonFollowerWithUqfRule

)

}

case object FollowingAndFollowersUserListPolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object FriendsFollowingListPolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object ListOwnershipsPolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object ListRecommendationsPolicy

extends VisibilityPolicy(

userRules = RecommendationsPolicy.userRules ++ Seq(

DropNsfwUserAuthorRule,

NsfwHighRecallRule,

SearchBlacklistRule,

SearchNsfwTextRule,

ViewerBlocksAuthorRule,

ViewerMutesAuthorRule

)

)

case object ListSearchBaseRules {

val NonExperimentalSafeSearchMinimalPolicyUserRules: Seq[Rule] =

SafeSearchMinimalPolicy.userRules.filterNot(\_.isExperimental)

val MinimalPolicyUserRules: Seq[Rule] = NonExperimentalSafeSearchMinimalPolicyUserRules

val BlockMutePolicyUserRules = Seq(

ViewerBlocksAuthorViewerOptInBlockingOnSearchRule,

ViewerMutesAuthorViewerOptInBlockingOnSearchRule

)

val StrictPolicyUserRules = Seq(

SafeSearchAbusiveUserLabelRule,

SafeSearchAbusiveHighRecallUserLabelRule,

SafeSearchCompromisedUserLabelRule,

SafeSearchDoNotAmplifyNonFollowersUserLabelRule,

SafeSearchDuplicateContentUserLabelRule,

SafeSearchLowQualityUserLabelRule,

SafeSearchNotGraduatedNonFollowersUserLabelRule,

SafeSearchNsfwHighPrecisionUserLabelRule,

SafeSearchNsfwAvatarImageUserLabelRule,

SafeSearchNsfwBannerImageUserLabelRule,

SafeSearchReadOnlyUserLabelRule,

SafeSearchSearchBlacklistUserLabelRule,

SafeSearchNsfwTextUserLabelRule,

SafeSearchSpamHighRecallUserLabelRule,

SafeSearchDownrankSpamReplyAuthorLabelRule,

SafeSearchNsfwTextAuthorLabelRule,

DropNsfwAdminAuthorViewerOptInFilteringOnSearchRule,

DropNsfwUserAuthorViewerOptInFilteringOnSearchRule,

)

}

object SensitiveMediaSettingsTimelineHomeBaseRules {

val policyRuleParams = Map[Rule, PolicyLevelRuleParams](

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaHomeTimelineRulesParam),

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaHomeTimelineRulesParam),

NsfwReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaHomeTimelineRulesParam),

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaHomeTimelineRulesParam),

NsfwCardImageAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsHomeTimelineRulesParam)

)

}

object SensitiveMediaSettingsConversationBaseRules {

val policyRuleParams = Map[Rule, PolicyLevelRuleParams](

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaConversationRulesParam),

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaConversationRulesParam),

NsfwReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaConversationRulesParam),

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaConversationRulesParam),

NsfwCardImageAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaConversationRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsConversationRulesParam)

)

}

object SensitiveMediaSettingsProfileTimelineBaseRules {

val policyRuleParams = Map[Rule, PolicyLevelRuleParams](

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaProfileTimelineRulesParam),

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaProfileTimelineRulesParam),

NsfwReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaProfileTimelineRulesParam),

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaProfileTimelineRulesParam),

NsfwCardImageAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsProfileTimelineRulesParam)

)

}

object SensitiveMediaSettingsTweetDetailBaseRules {

val policyRuleParams = Map[Rule, PolicyLevelRuleParams](

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaTweetDetailRulesParam),

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaTweetDetailRulesParam),

NsfwReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaTweetDetailRulesParam),

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaTweetDetailRulesParam),

NsfwCardImageAllUsersTweetLabelRule -> ruleParams(

RuleParams.EnableLegacySensitiveMediaTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam),

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule -> ruleParams(

RuleParams.EnableNewSensitiveMediaSettingsInterstitialsTweetDetailRulesParam)

)

}

case object ListSearchPolicy

extends VisibilityPolicy(

userRules = ListSearchBaseRules.MinimalPolicyUserRules ++

ListSearchBaseRules.BlockMutePolicyUserRules ++

ListSearchBaseRules.StrictPolicyUserRules

)

case object ListSubscriptionsPolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object ListMembershipsPolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object AllSubscribedListsPolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object ListHeaderPolicy

extends VisibilityPolicy(

userRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

)

)

case object NewUserExperiencePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfaHighRecallTweetLabelRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

GoreAndViolenceTweetLabelRule,

UntrustedUrlTweetLabelRule,

DownrankSpamReplyTweetLabelRule,

SearchBlacklistTweetLabelRule,

AutomationTweetLabelRule,

DuplicateMentionTweetLabelRule,

BystanderAbusiveTweetLabelRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

SmyteSpamTweetLabelDropRule,

),

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

SearchBlacklistRule,

SearchNsfwTextRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

NsfwHighPrecisionRule,

NsfwAvatarImageRule,

NsfwBannerImageRule,

AbusiveHighRecallRule,

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

DownrankSpamReplyNonAuthorRule,

NsfwTextNonAuthorDropRule

)

)

case object DESHomeTimelinePolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropStaleTweetsRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

DropAllCommunityTweetsRule

) ++

VisibilityPolicy.baseTweetRules,

userRules = UserTimelineRules.UserRules

)

case object DesQuoteTweetTimelinePolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropStaleTweetsRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule

) ++ ElevatedQuoteTweetTimelinePolicy.tweetRules.diff(Seq(DropStaleTweetsRule)),

userRules = Seq(

ProtectedAuthorDropRule

),

policyRuleParams = ElevatedQuoteTweetTimelinePolicy.policyRuleParams

)

case object DESRealtimeSpamEnrichmentPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

LowQualityTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

SearchBlacklistTweetLabelRule,

SmyteSpamTweetLabelDropRule,

DropAllCommunityTweetsRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule

)

)

case object DESRealtimePolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropAllCommunityTweetsRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

DropAllCollabInvitationTweetsRule

),

userRules = Seq(

DropAllProtectedAuthorRule,

DropProtectedViewerIfPresentRule

)

)

case object DESRetweetingUsersPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

),

userRules = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

)

)

case object DESTweetLikingUsersPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

),

userRules = TimelineLikedByRules.UserRules

)

case object DESUserBookmarksPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

) ++

(VisibilityPolicy.baseTweetRules

++ Seq(DropAllCommunityTweetsRule)

++ TimelineProfileRules.tweetRules),

userRules = UserTimelineRules.UserRules

)

case object DESUserLikedTweetsPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropStaleTweetsRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

) ++

(

VisibilityPolicy.baseTweetRules ++

Seq(

DropAllCommunityTweetsRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules

),

userRules = UserTimelineRules.UserRules

)

case object DESUserMentionsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

DropAllCommunityTweetsRule,

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

SuspendedAuthorRule

)

)

case object DESUserTweetsPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropStaleTweetsRule,

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

) ++

(VisibilityPolicy.baseTweetRules

++ Seq(DropAllCommunityTweetsRule)

++ TimelineProfileRules.tweetRules),

userRules = UserTimelineRules.UserRules

)

case object DevPlatformComplianceStreamPolicy

extends VisibilityPolicy(

tweetRules = Seq(

SpamAllUsersTweetLabelRule,

PdnaAllUsersTweetLabelRule,

BounceAllUsersTweetLabelRule,

AbusePolicyEpisodicTweetLabelComplianceTweetNoticeRule,

)

)

case object DesTweetDetailPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

) ++ BaseTweetDetailPolicy.tweetRules

)

case object DevPlatformGetListTweetsPolicy

extends VisibilityPolicy(

tweetRules = Seq(DropStaleTweetsRule) ++ DesTweetDetailPolicy.tweetRules

)

case object FollowerConnectionsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules,

userRules = Seq(

SpammyFollowerRule

)

)

case object SuperFollowerConnectionsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules,

userRules = Seq(

SpammyFollowerRule

)

)

case object LivePipelineEngagementCountsPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object LiveVideoTimelinePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

AbusiveHighRecallTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

LiveLowQualityTweetLabelRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

SearchBlacklistTweetLabelRule,

BystanderAbusiveTweetLabelRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

SmyteSpamTweetLabelDropRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

),

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

SearchBlacklistRule,

SearchNsfwTextRule,

CompromisedRule,

NsfwHighPrecisionRule,

NsfwHighRecallRule,

NsfwAvatarImageRule,

NsfwBannerImageRule,

SpamHighRecallRule,

DuplicateContentRule,

LiveLowQualityRule,

EngagementSpammerRule,

EngagementSpammerHighRecallRule,

AbusiveHighRecallRule,

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

NsfwTextNonAuthorDropRule

)

)

case object MagicRecsPolicyOverrides {

val replacements: Map[Rule, Rule] = Map()

def union(rules: Seq[Rule]\*): Seq[Rule] = rules

.map(ar => ar.map(x => replacements.getOrElse(x, x)))

.reduce((a, b) => a ++ b.filterNot(a.contains))

}

case object MagicRecsPolicy

extends VisibilityPolicy(

tweetRules = MagicRecsPolicyOverrides.union(

RecommendationsPolicy.tweetRules.filterNot(\_ == SafetyCrisisLevel3DropRule),

NotificationsIbisPolicy.tweetRules,

Seq(

NsfaHighRecallTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwTextHighPrecisionTweetLabelDropRule),

Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ViewerMutesAuthorRule

),

Seq(

DeactivatedAuthorRule,

SuspendedAuthorRule,

TweetNsfwUserDropRule,

TweetNsfwAdminDropRule

)

),

userRules = MagicRecsPolicyOverrides.union(

RecommendationsPolicy.userRules,

NotificationsRules.userRules

)

)

case object MagicRecsV2Policy

extends VisibilityPolicy(

tweetRules = MagicRecsPolicyOverrides.union(

MagicRecsPolicy.tweetRules,

NotificationsWriterTweetHydratorPolicy.tweetRules

),

userRules = MagicRecsPolicyOverrides.union(

MagicRecsPolicy.userRules,

NotificationsWriterV2Policy.userRules

)

)

case object MagicRecsAggressivePolicy

extends VisibilityPolicy(

tweetRules = MagicRecsPolicy.tweetRules,

userRules = MagicRecsPolicy.userRules

)

case object MagicRecsAggressiveV2Policy

extends VisibilityPolicy(

tweetRules = MagicRecsV2Policy.tweetRules,

userRules = MagicRecsV2Policy.userRules

)

case object MinimalPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules,

userRules = Seq(

TsViolationRule

)

)

case object ModeratedTweetsTimelinePolicy

extends VisibilityPolicy(

tweetRules = TweetDetailPolicy.tweetRules.diff(

Seq(

AuthorBlocksViewerDropRule,

MutedKeywordForTweetRepliesInterstitialRule,

ReportedTweetInterstitialRule)),

policyRuleParams = TweetDetailPolicy.policyRuleParams

)

case object MomentsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AuthorBlocksViewerUnspecifiedRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object NearbyTimelinePolicy

extends VisibilityPolicy(

tweetRules = SearchBlenderRules.tweetRelevanceRules,

userRules = SearchBlenderRules.userBaseRules

)

private object NotificationsRules {

val tweetRules: Seq[Rule] =

DropStaleTweetsRule +: VisibilityPolicy.baseTweetRules

val userRules: Seq[Rule] = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

AbusiveHighRecallRule,

EngagementSpammerNonFollowerWithUqfRule,

EngagementSpammerHighRecallNonFollowerWithUqfRule,

DownrankSpamReplyNonFollowerWithUqfRule

)

}

case object NotificationsIbisPolicy

extends VisibilityPolicy(

tweetRules =

VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveUqfNonFollowerTweetLabelRule,

LowQualityTweetLabelDropRule,

ToxicityReplyFilterDropNotificationRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

DuplicateMentionTweetLabelRule,

LowQualityMentionTweetLabelRule,

UntrustedUrlUqfNonFollowerTweetLabelRule,

DownrankSpamReplyUqfNonFollowerTweetLabelRule,

SafetyCrisisAnyLevelDropRule,

DoNotAmplifyDropRule,

SmyteSpamTweetLabelDropRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

),

userRules = NotificationsRules.userRules ++ Seq(

DoNotAmplifyNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

NsfwTextNonAuthorDropRule

)

)

case object NotificationsReadPolicy

extends VisibilityPolicy(

tweetRules = NotificationsRules.tweetRules,

userRules = NotificationsRules.userRules

)

case object NotificationsTimelineDeviceFollowPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules,

userRules = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

CompromisedRule

)

)

case object NotificationsWritePolicy

extends VisibilityPolicy(

tweetRules = NotificationsRules.tweetRules,

userRules = NotificationsRules.userRules

)

case object NotificationsWriterV2Policy

extends VisibilityPolicy(

userRules =

Seq(

AuthorBlocksViewerDropRule,

DeactivatedAuthorRule,

ErasedAuthorRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule,

DeactivatedViewerRule,

SuspendedViewerRule,

ViewerBlocksAuthorRule,

ViewerMutesAndDoesNotFollowAuthorRule,

ViewerIsUnmentionedRule,

NoConfirmedEmailRule,

NoConfirmedPhoneRule,

NoDefaultProfileImageRule,

NoNewUsersRule,

NoNotFollowedByRule,

OnlyPeopleIFollowRule

) ++

NotificationsRules.userRules

)

case object NotificationsWriterTweetHydratorPolicy

extends VisibilityPolicy(

tweetRules = NotificationsRules.tweetRules ++

Seq(

LowQualityTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

DuplicateMentionUqfTweetLabelRule,

LowQualityMentionTweetLabelRule,

SmyteSpamTweetLabelDropRule,

ToxicityReplyFilterDropNotificationRule,

AbusiveUqfNonFollowerTweetLabelRule,

UntrustedUrlUqfNonFollowerTweetLabelRule,

DownrankSpamReplyUqfNonFollowerTweetLabelRule,

ViewerHasMatchingMutedKeywordForNotificationsRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object NotificationsPlatformPolicy

extends VisibilityPolicy(

tweetRules = NotificationsWriterTweetHydratorPolicy.tweetRules,

userRules = NotificationsWriterV2Policy.userRules

)

case object NotificationsPlatformPushPolicy

extends VisibilityPolicy(

tweetRules = NotificationsIbisPolicy.tweetRules,

userRules = Seq(ViewerMutesAuthorRule)

++ NotificationsIbisPolicy.userRules

)

case object QuoteTweetTimelinePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

DropStaleTweetsRule,

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

GoreAndViolenceTweetLabelRule,

UntrustedUrlTweetLabelRule,

DownrankSpamReplyTweetLabelRule,

SearchBlacklistTweetLabelRule,

AutomationTweetLabelRule,

DuplicateMentionTweetLabelRule,

BystanderAbusiveTweetLabelRule,

SmyteSpamTweetLabelDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

SearchBlacklistRule,

SearchNsfwTextRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

NsfwHighPrecisionRule,

NsfwAvatarImageRule,

NsfwBannerImageRule,

AbusiveHighRecallRule,

DownrankSpamReplyNonAuthorRule,

NsfwTextNonAuthorDropRule

)

)

case object ElevatedQuoteTweetTimelinePolicy

extends VisibilityPolicy(

tweetRules =

TweetDetailPolicy.tweetRules.diff(

Seq(

MutedKeywordForQuotedTweetTweetDetailInterstitialRule,

ReportedTweetInterstitialRule)),

policyRuleParams = TweetDetailPolicy.policyRuleParams

)

case object EmbedsPublicInterestNoticePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

)

)

case object RecommendationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

GoreAndViolenceTweetLabelRule,

BystanderAbusiveTweetLabelRule,

DoNotAmplifyDropRule,

SafetyCrisisLevel3DropRule,

SmyteSpamTweetLabelDropRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

),

userRules = Seq(

DropNsfwAdminAuthorRule,

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

CompromisedRule,

RecommendationsBlacklistRule,

SpamHighRecallRule,

DuplicateContentRule,

NsfwHighPrecisionRule,

NsfwNearPerfectAuthorRule,

NsfwBannerImageRule,

NsfwAvatarImageRule,

EngagementSpammerRule,

EngagementSpammerHighRecallRule,

AbusiveHighRecallRule,

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

NsfwTextNonAuthorDropRule

)

)

case object RecosVideoPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

BystanderAbusiveTweetLabelRule,

SmyteSpamTweetLabelDropRule,

),

userRules = Seq(NsfwTextNonAuthorDropRule)

)

case object RepliesGroupingPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

LowQualityTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

DeciderableSpamHighRecallAuthorLabelDropRule,

SmyteSpamTweetLabelDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

MutedKeywordForTweetRepliesInterstitialRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

NsfwCardImageAvoidAdPlacementAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

LowQualityRule,

ReadOnlyRule,

LowQualityHighRecallRule,

CompromisedRule,

DeciderableSpamHighRecallRule

)

)

case object ReturningUserExperiencePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfaHighRecallTweetLabelRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

NsfwTextHighPrecisionTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

GoreAndViolenceTweetLabelRule,

UntrustedUrlTweetLabelRule,

DownrankSpamReplyTweetLabelRule,

SearchBlacklistTweetLabelRule,

AutomationTweetLabelRule,

DuplicateMentionTweetLabelRule,

BystanderAbusiveTweetLabelRule,

SmyteSpamTweetLabelDropRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

SearchBlacklistRule,

SearchNsfwTextRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

NsfwHighPrecisionRule,

NsfwAvatarImageRule,

NsfwBannerImageRule,

AbusiveHighRecallRule,

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

DownrankSpamReplyNonAuthorRule,

NsfwTextNonAuthorDropRule,

DropNsfwUserAuthorRule,

NsfwHighRecallRule

)

)

case object ReturningUserExperienceFocalTweetPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AuthorBlocksViewerDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

MutedKeywordForTweetRepliesInterstitialRule,

ViewerMutesAuthorInterstitialRule,

ReportedTweetInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object RevenuePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusiveTweetLabelRule,

BystanderAbusiveTweetLabelRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule

)

)

case object SafeSearchMinimalPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropOuterCommunityTweetsRule,

) ++ VisibilityPolicy.baseTweetRules ++ Seq(

LowQualityTweetLabelDropRule,

HighProactiveTosScoreTweetLabelDropSearchRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

SearchBlacklistTweetLabelRule,

SearchBlacklistHighRecallTweetLabelDropRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

SmyteSpamTweetLabelDropRule,

) ++

Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

++ SearchBlenderRules.tweetAvoidRules,

userRules = Seq(

LowQualityRule,

ReadOnlyRule,

CompromisedRule,

SpamHighRecallRule,

SearchBlacklistRule,

SearchNsfwTextRule,

DuplicateContentRule,

DoNotAmplifyNonFollowerRule,

SearchLikelyIvsLabelNonFollowerDropUserRule

)

)

case object SearchHydrationPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialSearchRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object SearchBlenderRules {

val limitedEngagementBaseRules: Seq[Rule] = LimitedEngagementBaseRules.tweetRules

val tweetAvoidRules: Seq[Rule] =

Seq(

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

SearchAvoidTweetNsfwAdminRule,

SearchAvoidTweetNsfwUserRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

)

val basicBlockMuteRules: Seq[Rule] = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorViewerOptInBlockingOnSearchRule,

ViewerMutesAuthorViewerOptInBlockingOnSearchRule

)

val tweetRelevanceRules: Seq[Rule] =

Seq(

DropOuterCommunityTweetsRule,

DropStaleTweetsRule,

) ++ VisibilityPolicy.baseTweetRules ++ Seq(

SafeSearchAbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

HighProactiveTosScoreTweetLabelDropSearchRule,

HighPSpammyTweetScoreSearchTweetLabelDropRule,

HighSpammyTweetContentScoreSearchTopTweetLabelDropRule,

HighSpammyTweetContentScoreTrendsTopTweetLabelDropRule,

SafeSearchNsfwHighPrecisionTweetLabelRule,

SafeSearchGoreAndViolenceHighPrecisionTweetLabelRule,

SafeSearchNsfwReportedHeuristicsTweetLabelRule,

SafeSearchGoreAndViolenceReportedHeuristicsTweetLabelRule,

SafeSearchNsfwCardImageTweetLabelRule,

SafeSearchNsfwHighRecallTweetLabelRule,

SafeSearchNsfwVideoTweetLabelRule,

SafeSearchNsfwTextTweetLabelRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

SafeSearchGoreAndViolenceTweetLabelRule,

SafeSearchUntrustedUrlTweetLabelRule,

SafeSearchDownrankSpamReplyTweetLabelRule,

SearchBlacklistTweetLabelRule,

SearchBlacklistHighRecallTweetLabelDropRule,

SmyteSpamTweetLabelDropSearchRule,

CopypastaSpamAllViewersSearchTweetLabelRule,

) ++ basicBlockMuteRules ++

Seq(

SafeSearchAutomationNonFollowerTweetLabelRule,

SafeSearchDuplicateMentionNonFollowerTweetLabelRule,

SafeSearchBystanderAbusiveTweetLabelRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

SearchIpiSafeSearchWithoutUserInQueryDropRule,

SearchEdiSafeSearchWithoutUserInQueryDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

UnsafeSearchNsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

UnsafeSearchGoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

UnsafeSearchNsfwReportedHeuristicsAllUsersTweetLabelRule,

UnsafeSearchGoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

UnsafeSearchNsfwCardImageAllUsersTweetLabelRule,

) ++

limitedEngagementBaseRules ++

tweetAvoidRules

VisibilityPolicy.baseTweetRules ++ Seq(

SafeSearchAbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

HighProactiveTosScoreTweetLabelDropSearchRule,

HighSpammyTweetContentScoreSearchLatestTweetLabelDropRule,

HighSpammyTweetContentScoreTrendsLatestTweetLabelDropRule,

SafeSearchNsfwHighPrecisionTweetLabelRule,

SafeSearchGoreAndViolenceHighPrecisionTweetLabelRule,

SafeSearchNsfwReportedHeuristicsTweetLabelRule,

SafeSearchGoreAndViolenceReportedHeuristicsTweetLabelRule,

SafeSearchNsfwCardImageTweetLabelRule,

SafeSearchNsfwHighRecallTweetLabelRule,

SafeSearchNsfwVideoTweetLabelRule,

SafeSearchNsfwTextTweetLabelRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

SafeSearchGoreAndViolenceTweetLabelRule,

SafeSearchUntrustedUrlTweetLabelRule,

SafeSearchDownrankSpamReplyTweetLabelRule,

SearchBlacklistTweetLabelRule,

SearchBlacklistHighRecallTweetLabelDropRule,

SmyteSpamTweetLabelDropSearchRule,

CopypastaSpamNonFollowerSearchTweetLabelRule,

) ++

basicBlockMuteRules ++

Seq(

SafeSearchAutomationNonFollowerTweetLabelRule,

SafeSearchDuplicateMentionNonFollowerTweetLabelRule,

SafeSearchBystanderAbusiveTweetLabelRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

SearchIpiSafeSearchWithoutUserInQueryDropRule,

SearchEdiSafeSearchWithoutUserInQueryDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

UnsafeSearchNsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

UnsafeSearchGoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

UnsafeSearchNsfwReportedHeuristicsAllUsersTweetLabelRule,

UnsafeSearchGoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

UnsafeSearchNsfwCardImageAllUsersTweetLabelRule,

) ++ limitedEngagementBaseRules ++ tweetAvoidRules

val userBaseRules: Seq[ConditionWithUserLabelRule] = Seq(

SafeSearchAbusiveUserLabelRule,

LowQualityRule,

ReadOnlyRule,

SearchBlacklistRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

DoNotAmplifyNonFollowerRule,

SearchLikelyIvsLabelNonFollowerDropUserRule,

SafeSearchNsfwHighPrecisionUserLabelRule,

SafeSearchNsfwAvatarImageUserLabelRule,

SafeSearchNsfwBannerImageUserLabelRule,

SafeSearchAbusiveHighRecallUserLabelRule,

SafeSearchDownrankSpamReplyAuthorLabelRule,

SafeSearchNotGraduatedNonFollowersUserLabelRule,

SafeSearchNsfwTextAuthorLabelRule

)

val userRules: Seq[ConditionWithUserLabelRule] = userBaseRules

val userRelevanceBaseRules = userBaseRules ++ basicBlockMuteRules

val userRelevanceRules = userRelevanceBaseRules

val userRecencyBaseRules = userBaseRules.filterNot(

Seq(DoNotAmplifyNonFollowerRule, SearchLikelyIvsLabelNonFollowerDropUserRule).contains

) ++ basicBlockMuteRules

val searchQueryMatchesTweetAuthorRules: Seq[ConditionWithUserLabelRule] =

userBaseRules

val basicBlockMutePolicyRuleParam: Map[Rule, PolicyLevelRuleParams] =

SearchBlenderRules.basicBlockMuteRules

.map(rule => rule -> ruleParams(RuleParams.EnableSearchBasicBlockMuteRulesParam)).toMap

}

case object SearchBlenderUserRulesPolicy

extends VisibilityPolicy(

userRules = SearchBlenderRules.userRules

)

case object SearchLatestUserRulesPolicy

extends VisibilityPolicy(

userRules = SearchLatestPolicy.userRules

)

case object UserSearchSrpPolicy

extends VisibilityPolicy(

userRules = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorViewerOptInBlockingOnSearchRule,

ViewerMutesAuthorViewerOptInBlockingOnSearchRule,

DropNsfwAdminAuthorViewerOptInFilteringOnSearchRule,

SafeSearchAbusiveUserLabelRule,

SafeSearchHighRecallUserLabelRule,

SafeSearchNsfwNearPerfectAuthorRule,

SafeSearchNsfwHighPrecisionUserLabelRule,

SafeSearchNsfwAvatarImageUserLabelRule,

SafeSearchNsfwBannerImageUserLabelRule,

SafeSearchAbusiveHighRecallUserLabelRule,

SafeSearchNsfwTextAuthorLabelRule

)

)

case object UserSearchTypeaheadPolicy

extends VisibilityPolicy(

userRules = Seq(

SafeSearchAbusiveUserLabelRule,

SafeSearchHighRecallUserLabelRule,

SafeSearchNsfwNearPerfectAuthorRule,

SafeSearchNsfwHighPrecisionUserLabelRule,

SafeSearchNsfwAvatarImageUserLabelRule,

SafeSearchNsfwBannerImageUserLabelRule,

SafeSearchAbusiveHighRecallUserLabelRule,

SafeSearchNsfwTextAuthorLabelRule

),

tweetRules = Seq(DropAllRule)

)

case object SearchMixerSrpMinimalPolicy

extends VisibilityPolicy(

userRules = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorViewerOptInBlockingOnSearchRule,

ViewerMutesAuthorViewerOptInBlockingOnSearchRule

)

)

case object SearchMixerSrpStrictPolicy

extends VisibilityPolicy(

userRules = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorViewerOptInBlockingOnSearchRule,

ViewerMutesAuthorViewerOptInBlockingOnSearchRule,

DropNsfwAdminAuthorViewerOptInFilteringOnSearchRule,

NsfwNearPerfectAuthorRule,

NsfwHighPrecisionRule,

NsfwHighRecallRule,

NsfwSensitiveRule,

NsfwAvatarImageRule,

NsfwBannerImageRule

) ++ SearchBlenderRules.searchQueryMatchesTweetAuthorRules

.diff(Seq(SafeSearchNotGraduatedNonFollowersUserLabelRule))

)

case object SearchPeopleSrpPolicy

extends VisibilityPolicy(

userRules = SearchBlenderRules.searchQueryMatchesTweetAuthorRules

)

case object SearchPeopleTypeaheadPolicy

extends VisibilityPolicy(

userRules = SearchBlenderRules.searchQueryMatchesTweetAuthorRules

.diff(

Seq(

SafeSearchNotGraduatedNonFollowersUserLabelRule

)),

tweetRules = Seq(DropAllRule)

)

case object SearchPhotoPolicy

extends VisibilityPolicy(

tweetRules = SearchBlenderRules.tweetRelevanceRules,

userRules = SearchBlenderRules.userRelevanceRules,

policyRuleParams = SearchBlenderRules.basicBlockMutePolicyRuleParam

)

case object SearchTrendTakeoverPromotedTweetPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules

)

case object SearchVideoPolicy

extends VisibilityPolicy(

tweetRules = SearchBlenderRules.tweetRelevanceRules,

userRules = SearchBlenderRules.userRelevanceRules,

policyRuleParams = SearchBlenderRules.basicBlockMutePolicyRuleParam

)

case object SearchLatestPolicy

extends VisibilityPolicy(

tweetRules = SearchBlenderRules.tweetRecencyRules,

userRules = SearchBlenderRules.userRecencyBaseRules,

policyRuleParams = SearchBlenderRules.basicBlockMutePolicyRuleParam

)

case object SearchTopPolicy

extends VisibilityPolicy(

tweetRules = SearchBlenderRules.tweetRelevanceRules,

userRules = Seq(SpammyUserModelHighPrecisionDropTweetRule) ++

SearchBlenderRules.basicBlockMuteRules ++

SearchBlenderRules.searchQueryMatchesTweetAuthorRules,

policyRuleParams = SearchBlenderRules.basicBlockMutePolicyRuleParam

)

case object SearchTopQigPolicy

extends VisibilityPolicy(

tweetRules = BaseQigPolicy.tweetRules ++

Seq(

UnsafeSearchGoreAndViolenceHighPrecisionAllUsersTweetLabelDropRule,

UnsafeSearchGoreAndViolenceReportedHeuristicsAllUsersTweetLabelDropRule,

UnsafeSearchNsfwCardImageAllUsersTweetLabelDropRule,

UnsafeSearchNsfwReportedHeuristicsAllUsersTweetLabelDropRule,

UnsafeSearchNsfwHighPrecisionAllUsersTweetLabelDropRule

) ++

SearchTopPolicy.tweetRules.diff(

Seq(

SearchIpiSafeSearchWithoutUserInQueryDropRule,

SearchEdiSafeSearchWithoutUserInQueryDropRule,

HighSpammyTweetContentScoreTrendsTopTweetLabelDropRule,

UnsafeSearchNsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

UnsafeSearchGoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

UnsafeSearchGoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

UnsafeSearchNsfwCardImageAllUsersTweetLabelRule,

UnsafeSearchNsfwReportedHeuristicsAllUsersTweetLabelRule

) ++

SearchTopPolicy.tweetRules.intersect(BaseQigPolicy.tweetRules)),

userRules = BaseQigPolicy.userRules ++ Seq(

DropNsfwAdminAuthorViewerOptInFilteringOnSearchRule,

NsfwNearPerfectAuthorRule,

) ++ SearchTopPolicy.userRules.diff(

SearchTopPolicy.userRules.intersect(BaseQigPolicy.userRules)),

policyRuleParams = SearchBlenderRules.basicBlockMutePolicyRuleParam

)

case object SafeSearchStrictPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropOuterCommunityTweetsRule,

) ++ VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

HighProactiveTosScoreTweetLabelDropSearchRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

GoreAndViolenceTweetLabelRule,

UntrustedUrlTweetLabelRule,

DownrankSpamReplyTweetLabelRule,

SearchBlacklistTweetLabelRule,

SearchBlacklistHighRecallTweetLabelDropRule,

AutomationTweetLabelRule,

DuplicateMentionTweetLabelRule,

BystanderAbusiveTweetLabelRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

SmyteSpamTweetLabelDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules

++ SearchBlenderRules.tweetAvoidRules,

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

SearchBlacklistRule,

SearchNsfwTextRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

NsfwHighPrecisionRule,

NsfwAvatarImageRule,

NsfwBannerImageRule,

AbusiveHighRecallRule,

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

SearchLikelyIvsLabelNonFollowerDropUserRule,

DownrankSpamReplyNonAuthorRule,

NsfwTextNonAuthorDropRule,

)

)

case object StickersTimelinePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules,

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

CompromisedRule,

SearchBlacklistRule,

SearchNsfwTextRule,

DuplicateContentRule,

EngagementSpammerRule,

EngagementSpammerHighRecallRule,

NsfwSensitiveRule,

SpamHighRecallRule,

AbusiveHighRecallRule

)

)

case object StratoExtLimitedEngagementsPolicy

extends VisibilityPolicy(

tweetRules =

VisibilityPolicy.baseTweetRules ++ LimitedEngagementBaseRules.tweetRules

)

case object InternalPromotedContentPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules

)

case object StreamServicesPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

BystanderAbusiveTweetLabelRule,

SmyteSpamTweetLabelDropRule

),

userRules = Seq(NsfwTextNonAuthorDropRule)

)

case object SuperLikePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule

),

userRules = Seq(NsfwTextNonAuthorDropRule)

)

case object TimelineFocalTweetPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object TimelineBookmarkPolicy

extends VisibilityPolicy(

tweetRules =

Seq(

DropCommunityTweetsRule,

DropCommunityTweetCommunityNotVisibleRule,

DropProtectedCommunityTweetsRule,

DropHiddenCommunityTweetsRule,

DropAuthorRemovedCommunityTweetsRule,

SpamTweetLabelRule,

PdnaTweetLabelRule,

BounceOuterTweetTombstoneRule,

BounceQuotedTweetTombstoneRule,

DropExclusiveTweetContentRule,

DropTrustedFriendsTweetContentRule,

) ++

Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

ViewerBlocksAuthorInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorInnerQuotedTweetInterstitialRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules,

deletedTweetRules = Seq(

TombstoneBounceDeletedTweetRule,

TombstoneDeletedQuotedTweetRule

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableTweetTombstoneRule,

DeactivatedUserUnavailableTweetTombstoneRule,

OffBoardedUserUnavailableTweetTombstoneRule,

ErasedUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

UserUnavailableTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

)

case object TimelineListsPolicy

extends VisibilityPolicy(

tweetRules =

Seq(

DropOuterCommunityTweetsRule,

DropStaleTweetsRule,

) ++

VisibilityPolicy.baseTweetRules ++

Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object TimelineFavoritesPolicy

extends VisibilityPolicy(

tweetRules =

Seq(

DropOuterCommunityTweetsRule,

DropStaleTweetsRule,

)

++ TimelineProfileRules.baseTweetRules

++ Seq(

DynamicProductAdDropTweetLabelRule,

NsfwHighPrecisionTombstoneInnerQuotedTweetLabelRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialRule,

ViewerMutesAuthorInterstitialRule,

ViewerBlocksAuthorInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules,

deletedTweetRules = Seq(

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableInnerQuotedTweetTombstoneRule,

DeactivatedUserUnavailableInnerQuotedTweetTombstoneRule,

OffBoardedUserUnavailableInnerQuotedTweetTombstoneRule,

ErasedUserUnavailableInnerQuotedTweetTombstoneRule,

ProtectedUserUnavailableInnerQuotedTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = SensitiveMediaSettingsProfileTimelineBaseRules.policyRuleParams

)

case object ProfileMixerFavoritesPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropStaleTweetsRule,

DropExclusiveTweetContentRule,

DropOuterCommunityTweetsRule,

),

deletedTweetRules = Seq(

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule

)

)

case object TimelineMediaPolicy

extends VisibilityPolicy(

TimelineProfileRules.baseTweetRules

++ Seq(

NsfwHighPrecisionTombstoneInnerQuotedTweetLabelRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialRule,

ViewerMutesAuthorInnerQuotedTweetInterstitialRule,

ViewerBlocksAuthorInnerQuotedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules,

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableInnerQuotedTweetTombstoneRule,

DeactivatedUserUnavailableInnerQuotedTweetTombstoneRule,

OffBoardedUserUnavailableInnerQuotedTweetTombstoneRule,

ErasedUserUnavailableInnerQuotedTweetTombstoneRule,

ProtectedUserUnavailableInnerQuotedTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = SensitiveMediaSettingsProfileTimelineBaseRules.policyRuleParams

)

case object ProfileMixerMediaPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropStaleTweetsRule,

DropExclusiveTweetContentRule

),

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule

)

)

object TimelineProfileRules {

val baseTweetRules: Seq[Rule] = Seq(

TombstoneCommunityTweetsRule,

TombstoneCommunityTweetCommunityNotVisibleRule,

TombstoneProtectedCommunityTweetsRule,

TombstoneHiddenCommunityTweetsRule,

TombstoneAuthorRemovedCommunityTweetsRule,

SpamQuotedTweetLabelTombstoneRule,

SpamTweetLabelRule,

PdnaQuotedTweetLabelTombstoneRule,

PdnaTweetLabelRule,

BounceTweetLabelTombstoneRule,

TombstoneExclusiveQuotedTweetContentRule,

DropExclusiveTweetContentRule,

DropTrustedFriendsTweetContentRule

)

val tweetRules: Seq[Rule] =

Seq(

DynamicProductAdDropTweetLabelRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

NsfwTextTweetLabelAvoidRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules

val tweetTombstoneRules: Seq[Rule] =

Seq(

DynamicProductAdDropTweetLabelRule,

NsfwHighPrecisionInnerQuotedTweetLabelRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialRule,

ViewerMutesAuthorInnerQuotedTweetInterstitialRule,

ViewerBlocksAuthorInnerQuotedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules

}

case object TimelineProfilePolicy

extends VisibilityPolicy(

tweetRules =

Seq(

DropOuterCommunityTweetsRule,

DropStaleTweetsRule,

)

++ TimelineProfileRules.baseTweetRules

++ TimelineProfileRules.tweetTombstoneRules,

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableInnerQuotedTweetTombstoneRule,

DeactivatedUserUnavailableInnerQuotedTweetTombstoneRule,

OffBoardedUserUnavailableInnerQuotedTweetTombstoneRule,

ErasedUserUnavailableInnerQuotedTweetTombstoneRule,

ProtectedUserUnavailableInnerQuotedTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = SensitiveMediaSettingsProfileTimelineBaseRules.policyRuleParams

)

case object TimelineProfileAllPolicy

extends VisibilityPolicy(

TimelineProfileRules.baseTweetRules

++ TimelineProfileRules.tweetTombstoneRules,

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableInnerQuotedTweetTombstoneRule,

DeactivatedUserUnavailableInnerQuotedTweetTombstoneRule,

OffBoardedUserUnavailableInnerQuotedTweetTombstoneRule,

ErasedUserUnavailableInnerQuotedTweetTombstoneRule,

ProtectedUserUnavailableInnerQuotedTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = SensitiveMediaSettingsProfileTimelineBaseRules.policyRuleParams

)

case object TimelineProfileSuperFollowsPolicy

extends VisibilityPolicy(

tweetRules =

Seq(

DropOuterCommunityTweetsRule

) ++

VisibilityPolicy.baseTweetRules ++

TimelineProfileRules.tweetRules

)

case object TimelineReactiveBlendingPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object TimelineHomePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseQuotedTweetTombstoneRules ++

VisibilityPolicy.baseTweetRules ++

Seq(

NullcastedTweetRule,

DropOuterCommunityTweetsRule,

DynamicProductAdDropTweetLabelRule,

MutedRetweetsRule,

DropAllAuthorRemovedCommunityTweetsRule,

DropAllHiddenCommunityTweetsRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

SafetyCrisisLevel4DropRule,

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwHighPrecisionTweetLabelDropRule,

SensitiveMediaTweetDropRules.ViolentMediaGoreAndViolenceHighPrecisionDropRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropRule,

SensitiveMediaTweetDropRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwCardImageTweetLabelDropRule,

SensitiveMediaTweetDropRules.OtherSensitiveMediaNsfwUserTweetFlagDropRule,

SensitiveMediaTweetDropRules.OtherSensitiveMediaNsfwAdminTweetFlagDropRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

)

++

LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

ViewerMutesAuthorRule,

ViewerBlocksAuthorRule,

DeciderableAuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule,

DeactivatedAuthorRule,

ErasedAuthorRule,

OffboardedAuthorRule,

DropTakendownUserRule

),

policyRuleParams = SensitiveMediaSettingsTimelineHomeBaseRules.policyRuleParams

)

case object BaseTimelineHomePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseQuotedTweetTombstoneRules ++

VisibilityPolicy.baseTweetRules ++

Seq(

NullcastedTweetRule,

DropOuterCommunityTweetsRule,

DynamicProductAdDropTweetLabelRule,

MutedRetweetsRule,

DropAllAuthorRemovedCommunityTweetsRule,

DropAllHiddenCommunityTweetsRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

SafetyCrisisLevel4DropRule,

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

)

++

LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

ViewerMutesAuthorRule,

ViewerBlocksAuthorRule,

DeciderableAuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule,

DeactivatedAuthorRule,

ErasedAuthorRule,

OffboardedAuthorRule,

DropTakendownUserRule

)

)

case object TimelineHomeHydrationPolicy

extends VisibilityPolicy(

tweetRules =

VisibilityPolicy.baseQuotedTweetTombstoneRules ++

VisibilityPolicy.baseTweetRules ++

Seq(

SensitiveMediaTweetDropRules.AdultMediaNsfwHighPrecisionTweetLabelDropRule,

SensitiveMediaTweetDropRules.ViolentMediaGoreAndViolenceHighPrecisionDropRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropRule,

SensitiveMediaTweetDropRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwCardImageTweetLabelDropRule,

SensitiveMediaTweetDropRules.OtherSensitiveMediaNsfwUserTweetFlagDropRule,

SensitiveMediaTweetDropRules.OtherSensitiveMediaNsfwAdminTweetFlagDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfaHighPrecisionTweetLabelAvoidRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

) ++ LimitedEngagementBaseRules.tweetRules,

policyRuleParams = SensitiveMediaSettingsTimelineHomeBaseRules.policyRuleParams

)

case object TimelineHomeLatestPolicy

extends VisibilityPolicy(

tweetRules =

VisibilityPolicy.baseQuotedTweetTombstoneRules ++

VisibilityPolicy.baseTweetRules ++

Seq(

NullcastedTweetRule,

DropOuterCommunityTweetsRule,

DynamicProductAdDropTweetLabelRule,

MutedRetweetsRule,

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwHighPrecisionTweetLabelDropRule,

SensitiveMediaTweetDropRules.ViolentMediaGoreAndViolenceHighPrecisionDropRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropRule,

SensitiveMediaTweetDropRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropRule,

SensitiveMediaTweetDropRules.AdultMediaNsfwCardImageTweetLabelDropRule,

SensitiveMediaTweetDropRules.OtherSensitiveMediaNsfwUserTweetFlagDropRule,

SensitiveMediaTweetDropRules.OtherSensitiveMediaNsfwAdminTweetFlagDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAllUsersTweetLabelRule,

NsfwCardImageAvoidAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

)

++

LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

ViewerMutesAuthorRule,

ViewerBlocksAuthorRule,

DeciderableAuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule,

DeactivatedAuthorRule,

ErasedAuthorRule,

OffboardedAuthorRule,

DropTakendownUserRule

),

policyRuleParams = SensitiveMediaSettingsTimelineHomeBaseRules.policyRuleParams

)

case object TimelineModeratedTweetsHydrationPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object SignalsReactionsPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AuthorBlocksViewerDropRule

) ++ LimitedEngagementBaseRules.tweetRules

)

case object SignalsTweetReactingUsersPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules :+

NsfwVideoTweetLabelDropRule :+

NsfwTextAllUsersTweetLabelDropRule,

userRules = Seq(

CompromisedNonFollowerWithUqfRule,

EngagementSpammerNonFollowerWithUqfRule,

LowQualityNonFollowerWithUqfRule,

ReadOnlyNonFollowerWithUqfRule,

SpamHighRecallNonFollowerWithUqfRule,

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule,

NsfwTextNonAuthorDropRule

)

)

case object SocialProofPolicy

extends VisibilityPolicy(

tweetRules = FilterDefaultPolicy.tweetRules,

userRules = Seq(

ProtectedAuthorDropRule,

SuspendedAuthorRule,

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule

)

)

case object TimelineLikedByPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules :+

NsfwVideoTweetLabelDropRule :+

NsfwTextAllUsersTweetLabelDropRule,

userRules = TimelineLikedByRules.UserRules :+ NsfwTextNonAuthorDropRule

)

case object TimelineRetweetedByPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules :+

NsfwVideoTweetLabelDropRule :+

NsfwTextAllUsersTweetLabelDropRule,

userRules = Seq(

CompromisedNonFollowerWithUqfRule,

EngagementSpammerNonFollowerWithUqfRule,

LowQualityNonFollowerWithUqfRule,

ReadOnlyNonFollowerWithUqfRule,

SpamHighRecallNonFollowerWithUqfRule,

NsfwTextNonAuthorDropRule

)

)

case object TimelineSuperLikedByPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules :+

NsfwVideoTweetLabelDropRule :+

NsfwTextAllUsersTweetLabelDropRule,

userRules = Seq(

CompromisedNonFollowerWithUqfRule,

EngagementSpammerNonFollowerWithUqfRule,

LowQualityNonFollowerWithUqfRule,

ReadOnlyNonFollowerWithUqfRule,

SpamHighRecallNonFollowerWithUqfRule,

NsfwTextNonAuthorDropRule

)

)

case object TimelineContentControlsPolicy

extends VisibilityPolicy(

tweetRules = TopicsLandingPageTopicRecommendationsPolicy.tweetRules,

userRules = TopicsLandingPageTopicRecommendationsPolicy.userRules

)

case object TimelineConversationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusiveNonFollowerTweetLabelRule,

LowQualityTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

BystanderAbusiveNonFollowerTweetLabelRule,

UntrustedUrlAllViewersTweetLabelRule,

DownrankSpamReplyAllViewersTweetLabelRule,

SmyteSpamTweetLabelDropRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

MutedKeywordForTweetRepliesInterstitialRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

AbusiveHighRecallNonFollowerTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

LowQualityHighRecallRule,

CompromisedRule,

SpamHighRecallRule,

AbusiveHighRecallRule,

DownrankSpamReplyAllViewersRule,

),

policyRuleParams = SensitiveMediaSettingsConversationBaseRules.policyRuleParams

)

case object TimelineFollowingActivityPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusiveTweetLabelRule,

BystanderAbusiveTweetLabelRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object TimelineInjectionPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SafetyCrisisLevel2DropRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

DoNotAmplifyDropRule,

HighProactiveTosScoreTweetLabelDropRule

),

userRules = Seq(

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

NsfwTextNonAuthorDropRule

)

)

case object TimelineMentionsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

LowQualityTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

DuplicateMentionUqfTweetLabelRule,

LowQualityMentionTweetLabelRule,

SmyteSpamTweetLabelDropRule,

ToxicityReplyFilterDropNotificationRule,

AbusiveUqfNonFollowerTweetLabelRule,

UntrustedUrlUqfNonFollowerTweetLabelRule,

DownrankSpamReplyUqfNonFollowerTweetLabelRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

CompromisedRule,

SpamHighRecallRule,

DuplicateContentRule,

AbusiveHighRecallRule,

EngagementSpammerNonFollowerWithUqfRule,

EngagementSpammerHighRecallNonFollowerWithUqfRule,

DownrankSpamReplyNonFollowerWithUqfRule

)

)

case object TweetEngagersPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules,

userRules = Seq(

CompromisedNonFollowerWithUqfRule,

EngagementSpammerNonFollowerWithUqfRule,

LowQualityNonFollowerWithUqfRule,

ReadOnlyNonFollowerWithUqfRule,

SpamHighRecallNonFollowerWithUqfRule

)

)

case object TweetWritesApiPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object QuotedTweetRulesPolicy

extends VisibilityPolicy(

quotedTweetRules = Seq(

DeactivatedAuthorRule,

ErasedAuthorRule,

OffboardedAuthorRule,

SuspendedAuthorRule,

AuthorBlocksOuterAuthorRule,

ViewerBlocksAuthorRule,

AuthorBlocksViewerDropRule,

ViewerMutesAndDoesNotFollowAuthorRule,

ProtectedQuoteTweetAuthorRule

)

)

case object TweetDetailPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AuthorBlocksViewerDropRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

NsfwCardImageAvoidAdPlacementAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

MutedKeywordForQuotedTweetTweetDetailInterstitialRule,

)

++ LimitedEngagementBaseRules.tweetRules,

policyRuleParams = SensitiveMediaSettingsTweetDetailBaseRules.policyRuleParams

)

case object BaseTweetDetailPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AuthorBlocksViewerDropRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionTweetLabelAvoidRule,

NsfwHighRecallTweetLabelAvoidRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

NsfwCardImageAvoidAdPlacementAllUsersTweetLabelRule,

DoNotAmplifyTweetLabelAvoidRule,

NsfaHighPrecisionTweetLabelAvoidRule,

MutedKeywordForQuotedTweetTweetDetailInterstitialRule,

)

++ LimitedEngagementBaseRules.tweetRules

)

case object TweetDetailWithInjectionsHydrationPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

MutedKeywordForQuotedTweetTweetDetailInterstitialRule,

ReportedTweetInterstitialRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = UserTimelineRules.UserRules

)

case object TweetDetailNonTooPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropAllExclusiveTweetsRule,

DropAllTrustedFriendsTweetsRule,

) ++ BaseTweetDetailPolicy.tweetRules

)

case object RecosWritePathPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AbusiveTweetLabelRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

DuplicateContentTweetLabelDropRule,

BystanderAbusiveTweetLabelRule,

SmyteSpamTweetLabelDropRule

),

userRules = Seq(NsfwTextNonAuthorDropRule)

)

case object BrandSafetyPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

NsfaHighRecallTweetLabelInterstitialRule

),

userRules = Seq(NsfwTextNonAuthorDropRule)

)

case object VideoAdsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules

)

case object AppealsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

NsfwCardImageAllUsersTweetLabelRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

)

)

case object TimelineConversationsDownrankingPolicy

extends VisibilityPolicy(

tweetRules = Seq(

HighToxicityScoreDownrankAbusiveQualitySectionRule,

UntrustedUrlConversationsTweetLabelRule,

DownrankSpamReplyConversationsTweetLabelRule,

DownrankSpamReplyConversationsAuthorLabelRule,

HighProactiveTosScoreTweetLabelDownrankingRule,

SafetyCrisisLevel3SectionRule,

SafetyCrisisLevel4SectionRule,

DoNotAmplifySectionRule,

DoNotAmplifySectionUserRule,

NotGraduatedConversationsAuthorLabelRule,

HighSpammyTweetContentScoreConvoDownrankAbusiveQualityRule,

HighCryptospamScoreConvoDownrankAbusiveQualityRule,

CopypastaSpamAbusiveQualityTweetLabelRule,

HighToxicityScoreDownrankLowQualitySectionRule,

HighPSpammyTweetScoreDownrankLowQualitySectionRule,

RitoActionedTweetDownrankLowQualitySectionRule,

HighToxicityScoreDownrankHighQualitySectionRule,

)

)

case object TimelineConversationsDownrankingMinimalPolicy

extends VisibilityPolicy(

tweetRules = Seq(

HighProactiveTosScoreTweetLabelDownrankingRule

)

)

case object TimelineHomeRecommendationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.union(

RecommendationsPolicy.tweetRules.filter(

\_ != NsfwHighPrecisionTweetLabelRule

),

Seq(

SafetyCrisisLevel2DropRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

HighProactiveTosScoreTweetLabelDropRule,

NsfwHighRecallTweetLabelRule,

),

BaseTimelineHomePolicy.tweetRules,

),

userRules = VisibilityPolicy.union(

RecommendationsPolicy.userRules,

BaseTimelineHomePolicy.userRules

)

)

case object TimelineHomeTopicFollowRecommendationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.union(

Seq(

SearchBlacklistTweetLabelRule,

GoreAndViolenceTopicHighRecallTweetLabelRule,

NsfwHighRecallTweetLabelRule,

),

RecommendationsPolicy.tweetRules

.filterNot(

Seq(

NsfwHighPrecisionTweetLabelRule,

).contains),

BaseTimelineHomePolicy.tweetRules

),

userRules = VisibilityPolicy.union(

RecommendationsPolicy.userRules,

BaseTimelineHomePolicy.userRules

)

)

case object TimelineScorerPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AllowAllRule

)

)

case object FollowedTopicsTimelinePolicy

extends VisibilityPolicy(

userRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

)

)

case object TopicsLandingPageTopicRecommendationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.union(

Seq(

SearchBlacklistTweetLabelRule,

GoreAndViolenceTopicHighRecallTweetLabelRule,

NsfwHighRecallTweetLabelRule

),

RecommendationsPolicy.tweetRules,

BaseTimelineHomePolicy.tweetRules,

),

userRules = VisibilityPolicy.union(

RecommendationsPolicy.userRules,

BaseTimelineHomePolicy.userRules

) ++ Seq(

AuthorBlocksViewerDropRule

)

)

case object ExploreRecommendationsPolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropOuterCommunityTweetsRule,

SearchBlacklistTweetLabelRule,

GoreAndViolenceTopicHighRecallTweetLabelRule,

NsfwHighRecallTweetLabelRule,

DropTweetsWithGeoRestrictedMediaRule,

TweetNsfwUserDropRule,

TweetNsfwAdminDropRule,

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

ViewerHasMatchingMutedKeywordForNotificationsRule,

) ++ VisibilityPolicy.union(

RecommendationsPolicy.tweetRules

),

userRules = VisibilityPolicy.union(

RecommendationsPolicy.userRules

) ++ Seq(

AuthorBlocksViewerDropRule,

ViewerMutesAuthorRule,

ViewerBlocksAuthorRule

)

)

case object TombstoningPolicy

extends VisibilityPolicy(

tweetRules = Seq(

TombstoneIf.ViewerIsBlockedByAuthor,

TombstoneIf.AuthorIsProtected,

TombstoneIf.ReplyIsModeratedByRootAuthor,

TombstoneIf.AuthorIsSuspended,

TombstoneIf.AuthorIsDeactivated,

InterstitialIf.ViewerHardMutedAuthor

)

)

case object TweetReplyNudgePolicy

extends VisibilityPolicy(

tweetRules = Seq(

SpamAllUsersTweetLabelRule,

PdnaAllUsersTweetLabelRule,

BounceAllUsersTweetLabelRule,

TweetNsfwAdminDropRule,

TweetNsfwUserDropRule,

NsfwHighRecallAllUsersTweetLabelDropRule,

NsfwHighPrecisionAllUsersTweetLabelDropRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelDropRule,

NsfwReportedHeuristicsAllUsersTweetLabelDropRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelDropRule,

NsfwCardImageAllUsersTweetLabelDropRule,

NsfwVideoAllUsersTweetLabelDropRule,

NsfwTextAllUsersTweetLabelDropRule,

),

userRules = Seq(

DropNsfwUserAuthorRule,

DropNsfwAdminAuthorRule,

NsfwTextAllUsersDropRule

)

)

case object HumanizationNudgePolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules

)

case object TrendsRepresentativeTweetPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.union(

RecommendationsPolicy.tweetRules,

Seq(

AbusiveHighRecallTweetLabelRule,

BystanderAbusiveTweetLabelRule,

DuplicateContentTweetLabelDropRule,

LowQualityTweetLabelDropRule,

HighProactiveTosScoreTweetLabelDropRule,

NsfaHighRecallTweetLabelRule,

NsfwCardImageAllUsersTweetLabelDropRule,

NsfwHighPrecisionTweetLabelRule,

NsfwHighRecallAllUsersTweetLabelDropRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

PdnaAllUsersTweetLabelRule,

SearchBlacklistTweetLabelRule,

SpamHighRecallTweetLabelDropRule,

UntrustedUrlAllViewersTweetLabelRule,

DownrankSpamReplyAllViewersTweetLabelRule,

HighPSpammyScoreAllViewerDropRule,

DoNotAmplifyAllViewersDropRule,

SmyteSpamTweetLabelDropRule,

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ViewerMutesAuthorRule,

CopypastaSpamAllViewersTweetLabelRule,

)

),

userRules = VisibilityPolicy.union(

RecommendationsPolicy.userRules,

Seq(

AbusiveRule,

LowQualityRule,

ReadOnlyRule,

CompromisedRule,

RecommendationsBlacklistRule,

SpamHighRecallRule,

DuplicateContentRule,

NsfwHighPrecisionRule,

NsfwNearPerfectAuthorRule,

NsfwBannerImageRule,

NsfwAvatarImageRule,

EngagementSpammerRule,

EngagementSpammerHighRecallRule,

AbusiveHighRecallRule,

SearchBlacklistRule,

SearchNsfwTextRule,

NsfwHighRecallRule,

TsViolationRule,

DownrankSpamReplyAllViewersRule,

NsfwTextNonAuthorDropRule

)

)

)

case object AdsCampaignPolicy

extends VisibilityPolicy(

userRules = Seq(SuspendedAuthorRule),

tweetRules = VisibilityPolicy.baseTweetRules

)

case object AdsManagerPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

AdsManagerDenyListAllUsersTweetLabelRule,

)

)

case object AdsReportingDashboardPolicy

extends VisibilityPolicy(

tweetRules = AdsManagerPolicy.tweetRules,

userRules = AdsCampaignPolicy.userRules

)

case object BirdwatchNoteAuthorPolicy

extends VisibilityPolicy(

userRules = Seq(

SuspendedAuthorRule,

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ViewerMutesAuthorRule

)

)

case object BirdwatchNoteTweetsTimelinePolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

MutedRetweetsRule,

AuthorBlocksViewerDropRule,

ViewerMutesAuthorRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object BirdwatchNeedsYourHelpNotificationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ViewerMutesAuthorRule,

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

ViewerHasMatchingMutedKeywordForNotificationsRule,

)

)

case object ForDevelopmentOnlyPolicy

extends VisibilityPolicy(

userRules = Seq.empty,

tweetRules = VisibilityPolicy.baseTweetRules

)

case object UserProfileHeaderPolicy

extends VisibilityPolicy(

userRules = Seq.empty,

tweetRules = Seq(DropAllRule)

)

case object UserScopedTimelinePolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules,

tweetRules = Seq(DropAllRule)

)

case object TweetScopedTimelinePolicy

extends VisibilityPolicy(

userRules = UserTimelineRules.UserRules,

tweetRules = Seq.empty

)

case object SoftInterventionPivotPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules

)

case object CuratedTrendsRepresentativeTweetPolicy

extends VisibilityPolicy(

userRules = Seq(

SuspendedAuthorRule,

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ViewerMutesAndDoesNotFollowAuthorRule

)

)

case object CommunitiesPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

RetweetDropRule,

AbusePolicyEpisodicTweetLabelDropRule,

EmergencyDropRule,

SafetyCrisisLevel4DropRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object TimelineHomeCommunitiesPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.union(

Seq(

DropAllAuthorRemovedCommunityTweetsRule,

DropAllHiddenCommunityTweetsRule,

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

),

VisibilityPolicy.baseQuotedTweetTombstoneRules,

CommunitiesPolicy.tweetRules,

),

userRules = Seq(

ViewerMutesAuthorRule,

ViewerBlocksAuthorRule,

)

)

case object TimelineHomePromotedHydrationPolicy

extends VisibilityPolicy(

tweetRules = Seq(

ViewerHasMatchingMutedKeywordForHomeTimelinePromotedTweetRule,

ViewerMutesAuthorHomeTimelinePromotedTweetRule,

ViewerBlocksAuthorHomeTimelinePromotedTweetRule

) ++ TimelineHomeHydrationPolicy.tweetRules,

policyRuleParams = TimelineHomeHydrationPolicy.policyRuleParams

)

case object SpacesPolicy

extends VisibilityPolicy(

SpaceDoNotAmplifyAllUsersDropRule,

SpaceNsfwHighPrecisionNonFollowerDropRule),

userRules = Seq(

AuthorBlocksViewerDropRule

)

)

case object SpacesSellerApplicationStatusPolicy

extends VisibilityPolicy(

userRules = Seq(

ViewerIsNotAuthorDropRule

)

)

case object SpacesParticipantsPolicy

extends VisibilityPolicy(

tweetRules = Seq(DropAllRule),

userRules = Seq(

AuthorBlocksViewerDropRule,

SuspendedAuthorRule

)

)

case object SpacesSharingPolicy

extends VisibilityPolicy(

tweetRules = TweetDetailPolicy.tweetRules,

userRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

),

policyRuleParams = TweetDetailPolicy.policyRuleParams

)

case object SpaceFleetlinePolicy

extends VisibilityPolicy(

spaceRules = Seq(

SpaceDoNotAmplifyNonFollowerDropRule,

SpaceCoordHarmfulActivityHighRecallNonFollowerDropRule,

SpaceUntrustedUrlNonFollowerDropRule,

SpaceMisleadingHighRecallNonFollowerDropRule,

SpaceNsfwHighPrecisionAllUsersInterstitialRule

),

userRules = Seq(

TsViolationRule,

DoNotAmplifyNonFollowerRule,

NotGraduatedNonFollowerRule,

LikelyIvsLabelNonFollowerDropUserRule,

UserAbusiveNonFollowerDropRule

)

)

case object SpaceNotificationsPolicy

extends VisibilityPolicy(

spaceRules = Seq(

SpaceHatefulHighRecallAllUsersDropRule,

SpaceViolenceHighRecallAllUsersDropRule,

SpaceDoNotAmplifyAllUsersDropRule,

SpaceCoordHarmfulActivityHighRecallAllUsersDropRule,

SpaceUntrustedUrlNonFollowerDropRule,

SpaceMisleadingHighRecallNonFollowerDropRule,

SpaceNsfwHighPrecisionAllUsersDropRule,

SpaceNsfwHighRecallAllUsersDropRule,

ViewerHasMatchingMutedKeywordInSpaceTitleForNotificationsRule

),

userRules = Seq(

ViewerMutesAuthorRule,

ViewerBlocksAuthorRule,

AuthorBlocksViewerDropRule,

TsViolationRule,

DoNotAmplifyUserRule,

AbusiveRule,

SearchBlacklistRule,

SearchNsfwTextRule,

RecommendationsBlacklistRule,

NotGraduatedRule,

SpamHighRecallRule,

AbusiveHighRecallRule,

UserBlinkWorstAllUsersDropRule,

UserNsfwNearPerfectNonFollowerDropRule,

SpaceNsfwHighPrecisionNonFollowerDropRule,

UserNsfwAvatarImageNonFollowerDropRule,

UserNsfwBannerImageNonFollowerDropRule

)

)

case object SpaceTweetAvatarHomeTimelinePolicy

extends VisibilityPolicy(

spaceRules = Seq(

SpaceDoNotAmplifyNonFollowerDropRule,

SpaceCoordHarmfulActivityHighRecallNonFollowerDropRule,

SpaceUntrustedUrlNonFollowerDropRule,

SpaceMisleadingHighRecallNonFollowerDropRule,

SpaceNsfwHighPrecisionAllUsersDropRule,

SpaceNsfwHighPrecisionAllUsersInterstitialRule

),

userRules = Seq(

TsViolationRule,

DoNotAmplifyUserRule,

NotGraduatedNonFollowerRule,

AbusiveRule,

SearchBlacklistRule,

SearchNsfwTextRule,

RecommendationsBlacklistRule,

SpamHighRecallRule,

AbusiveHighRecallRule,

UserBlinkWorstAllUsersDropRule,

UserNsfwNearPerfectNonFollowerDropRule,

SpaceNsfwHighPrecisionNonFollowerDropRule,

UserNsfwAvatarImageNonFollowerDropRule,

UserNsfwBannerImageNonFollowerDropRule

)

)

case object SpaceHomeTimelineUprankingPolicy

extends VisibilityPolicy(

spaceRules = Seq(

SpaceDoNotAmplifyNonFollowerDropRule,

SpaceCoordHarmfulActivityHighRecallNonFollowerDropRule,

SpaceUntrustedUrlNonFollowerDropRule,

SpaceMisleadingHighRecallNonFollowerDropRule,

SpaceNsfwHighPrecisionNonFollowerDropRule,

SpaceNsfwHighPrecisionSafeSearchNonFollowerDropRule,

SpaceNsfwHighRecallSafeSearchNonFollowerDropRule

),

userRules = Seq(

TsViolationRule,

DoNotAmplifyUserRule,

NotGraduatedRule,

AbusiveRule,

SearchBlacklistRule,

SearchNsfwTextRule,

RecommendationsBlacklistRule,

SpamHighRecallRule,

AbusiveHighRecallRule,

UserBlinkWorstAllUsersDropRule,

UserNsfwNearPerfectNonFollowerDropRule,

UserNsfwAvatarImageNonFollowerDropRule,

UserNsfwBannerImageNonFollowerDropRule

)

)

case object SpaceJoinScreenPolicy

extends VisibilityPolicy(

spaceRules = Seq(

SpaceNsfwHighPrecisionAllUsersInterstitialRule

)

)

case object KitchenSinkDevelopmentPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules.diff(

Seq(

BounceTweetLabelRule,

DropExclusiveTweetContentRule,

DropTrustedFriendsTweetContentRule

)

) ++ Seq(

BounceTweetLabelTombstoneRule,

TombstoneExclusiveTweetContentRule,

TombstoneTrustedFriendsTweetContentRule)

++ Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ViewerReportsAuthorInterstitialRule,

ViewerMutesAuthorInterstitialRule,

ViewerBlocksAuthorInterstitialRule,

MutedKeywordForTweetRepliesInterstitialRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

ExperimentalNudgeLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorTombstoneRule,

SuspendedAuthorRule

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableRetweetTombstoneRule,

DeactivatedUserUnavailableRetweetTombstoneRule,

OffBoardedUserUnavailableRetweetTombstoneRule,

ErasedUserUnavailableRetweetTombstoneRule,

ProtectedUserUnavailableRetweetTombstoneRule,

AuthorBlocksViewerUserUnavailableRetweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableRetweetTombstoneRule,

ViewerMutesAuthorUserUnavailableRetweetTombstoneRule,

SuspendedUserUnavailableInnerQuotedTweetTombstoneRule,

DeactivatedUserUnavailableInnerQuotedTweetTombstoneRule,

OffBoardedUserUnavailableInnerQuotedTweetTombstoneRule,

ErasedUserUnavailableInnerQuotedTweetTombstoneRule,

ProtectedUserUnavailableInnerQuotedTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

SuspendedUserUnavailableTweetTombstoneRule,

DeactivatedUserUnavailableTweetTombstoneRule,

OffBoardedUserUnavailableTweetTombstoneRule,

ErasedUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

deletedTweetRules = Seq(

TombstoneDeletedOuterTweetRule,

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule

),

mediaRules = VisibilityPolicy.baseMediaRules

)

case object CurationPolicyViolationsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++ Seq(

DoNotAmplifyAllViewersDropRule,

),

userRules = Seq(

DoNotAmplifyUserRule,

TsViolationRule

)

)

case object GraphqlDefaultPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules

)

case object GryphonDecksAndColumnsSharingPolicy

extends VisibilityPolicy(

userRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

),

tweetRules = Seq(DropAllRule)

)

case object UserSettingsPolicy

extends VisibilityPolicy(

userRules = Seq(ViewerIsNotAuthorDropRule),

tweetRules = Seq(DropAllRule)

)

case object BlockMuteUsersTimelinePolicy

extends VisibilityPolicy(

userRules = Seq(SuspendedAuthorRule),

tweetRules = Seq(DropAllRule)

)

case object TopicRecommendationsPolicy

extends VisibilityPolicy(

tweetRules =

Seq(

NsfwHighRecallTweetLabelRule,

NsfwTextHighPrecisionTweetLabelDropRule

)

++ RecommendationsPolicy.tweetRules,

userRules = RecommendationsPolicy.userRules

)

case object RitoActionedTweetTimelinePolicy

extends VisibilityPolicy(

tweetRules =

VisibilityPolicy.baseTweetTombstoneRules

++ Seq(

AuthorBlocksViewerTombstoneRule,

ProtectedAuthorTombstoneRule

),

deletedTweetRules = Seq(

TombstoneDeletedOuterTweetRule,

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

)

case object EmbeddedTweetsPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetTombstoneRules

++ Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

)

++ LimitedEngagementBaseRules.tweetRules,

deletedTweetRules = Seq(

TombstoneDeletedOuterTweetRule,

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableTweetTombstoneRule,

DeactivatedUserUnavailableTweetTombstoneRule,

OffBoardedUserUnavailableTweetTombstoneRule,

ErasedUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

)

)

case object EmbedTweetMarkupPolicy

extends VisibilityPolicy(

tweetRules = Seq(DropStaleTweetsRule) ++

VisibilityPolicy.baseTweetTombstoneRules

++ Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

)

++ LimitedEngagementBaseRules.tweetRules,

deletedTweetRules = Seq(

TombstoneDeletedOuterTweetRule,

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

)

case object ArticleTweetTimelinePolicy

extends VisibilityPolicy(

tweetRules =

VisibilityPolicy.baseTweetRules ++

Seq(

ViewerHasMatchingMutedKeywordForHomeTimelineRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++ LimitedEngagementBaseRules.tweetRules,

userRules = Seq(

AuthorBlocksViewerDropRule,

ViewerBlocksAuthorRule,

ViewerMutesAuthorRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule

)

)

case object ConversationFocalPrehydrationPolicy

extends VisibilityPolicy(

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

)

)

case object ConversationFocalTweetPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetTombstoneRules

++ Seq(

DynamicProductAdDropTweetLabelRule,

AuthorBlocksViewerTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

ReportedTweetInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

NsfwCardImageAvoidAdPlacementAllUsersTweetLabelRule,

MutedKeywordForQuotedTweetTweetDetailInterstitialRule,

ViewerMutesAuthorInnerQuotedTweetInterstitialRule,

ViewerBlocksAuthorInnerQuotedTweetInterstitialRule,

)

++ LimitedEngagementBaseRules.tweetRules

++ ConversationsAdAvoidanceRules.tweetRules,

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableTweetTombstoneRule,

DeactivatedUserUnavailableTweetTombstoneRule,

OffBoardedUserUnavailableTweetTombstoneRule,

ErasedUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

UserUnavailableTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = ConversationsAdAvoidanceRules.policyRuleParams

++ SensitiveMediaSettingsConversationBaseRules.policyRuleParams

)

case object ConversationReplyPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetTombstoneRules

++ Seq(

LowQualityTweetLabelTombstoneRule,

SpamHighRecallTweetLabelTombstoneRule,

DuplicateContentTweetLabelTombstoneRule,

DeciderableSpamHighRecallAuthorLabelTombstoneRule,

SmyteSpamTweetLabelTombstoneRule,

AuthorBlocksViewerTombstoneRule,

ToxicityReplyFilterRule,

DynamicProductAdDropTweetLabelRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule,

SensitiveMediaTweetDropSettingLevelTombstoneRules.OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule,

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

MutedKeywordForTweetRepliesInterstitialRule,

ReportedTweetInterstitialRule,

ViewerBlocksAuthorInterstitialRule,

ViewerMutesAuthorInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule,

SensitiveMediaTweetInterstitialRules.AdultMediaNsfwCardImageTweetLabelInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule,

SensitiveMediaTweetInterstitialRules.OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule,

GoreAndViolenceHighPrecisionAvoidAllUsersTweetLabelRule,

NsfwReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAvoidAdPlacementAllUsersTweetLabelRule,

NsfwCardImageAvoidAdPlacementAllUsersTweetLabelRule,

)

++ LimitedEngagementBaseRules.tweetRules

++ ConversationsAdAvoidanceRules.tweetRules,

userRules = Seq(

LowQualityRule,

ReadOnlyRule,

LowQualityHighRecallRule,

CompromisedRule,

DeciderableSpamHighRecallRule

),

deletedTweetRules = Seq(

TombstoneDeletedOuterTweetRule,

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableTweetTombstoneRule,

DeactivatedUserUnavailableTweetTombstoneRule,

OffBoardedUserUnavailableTweetTombstoneRule,

ErasedUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

UserUnavailableTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = ConversationsAdAvoidanceRules.policyRuleParams

++ SensitiveMediaSettingsConversationBaseRules.policyRuleParams

)

case object AdsBusinessSettingsPolicy

extends VisibilityPolicy(

tweetRules = Seq(DropAllRule)

)

case object UserMilestoneRecommendationPolicy

extends VisibilityPolicy(

userRules = RecommendationsPolicy.userRules ++ Seq(

)

)

case object TrustedFriendsUserListPolicy

extends VisibilityPolicy(

tweetRules = Seq(DropAllRule),

userRules = Seq(

ViewerBlocksAuthorRule

)

)

case object TwitterDelegateUserListPolicy

extends VisibilityPolicy(

userRules = Seq(

ViewerBlocksAuthorRule,

ViewerIsAuthorDropRule,

DeactivatedAuthorRule,

AuthorBlocksViewerDropRule

),

tweetRules = Seq(DropAllRule)

)

case object QuickPromoteTweetEligibilityPolicy

extends VisibilityPolicy(

tweetRules = TweetDetailPolicy.tweetRules,

userRules = UserTimelineRules.UserRules,

policyRuleParams = TweetDetailPolicy.policyRuleParams

)

case object ReportCenterPolicy

extends VisibilityPolicy(

tweetRules = ConversationFocalTweetPolicy.tweetRules.diff(

ConversationsAdAvoidanceRules.tweetRules

),

deletedTweetRules = Seq(

TombstoneBounceDeletedOuterTweetRule,

TombstoneDeletedQuotedTweetRule,

TombstoneBounceDeletedQuotedTweetRule,

TombstoneDeletedOuterTweetRule,

),

userUnavailableStateRules = Seq(

SuspendedUserUnavailableTweetTombstoneRule,

DeactivatedUserUnavailableTweetTombstoneRule,

OffBoardedUserUnavailableTweetTombstoneRule,

ErasedUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

AuthorBlocksViewerUserUnavailableInnerQuotedTweetTombstoneRule,

UserUnavailableTweetTombstoneRule,

ViewerBlocksAuthorUserUnavailableInnerQuotedTweetInterstitialRule,

ViewerMutesAuthorUserUnavailableInnerQuotedTweetInterstitialRule

),

policyRuleParams = ConversationFocalTweetPolicy.policyRuleParams

)

case object ConversationInjectedTweetPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetRules ++

Seq(

AbusePolicyEpisodicTweetLabelInterstitialRule,

EmergencyDynamicInterstitialRule,

NsfwHighPrecisionInterstitialAllUsersTweetLabelRule,

GoreAndViolenceHighPrecisionAllUsersTweetLabelRule,

NsfwReportedHeuristicsAllUsersTweetLabelRule,

GoreAndViolenceReportedHeuristicsAllUsersTweetLabelRule,

NsfwCardImageAllUsersTweetLabelRule,

) ++

LimitedEngagementBaseRules.tweetRules ++ Seq(

SkipTweetDetailLimitedEngagementTweetLabelRule

)

)

case object EditHistoryTimelinePolicy

extends VisibilityPolicy(

tweetRules = ConversationReplyPolicy.tweetRules,

policyRuleParams = ConversationReplyPolicy.policyRuleParams,

deletedTweetRules = ConversationReplyPolicy.deletedTweetRules,

userUnavailableStateRules = ConversationReplyPolicy.userUnavailableStateRules)

case object UserSelfViewOnlyPolicy

extends VisibilityPolicy(

userRules = Seq(ViewerIsNotAuthorDropRule),

tweetRules = Seq(DropAllRule)

)

case object TwitterArticleComposePolicy

extends VisibilityPolicy(

twitterArticleRules = Seq(

ViewerIsNotAuthorDropRule

)

)

case object TwitterArticleProfileTabPolicy

extends VisibilityPolicy(

twitterArticleRules = Seq(

AuthorBlocksViewerDropRule

)

)

case object TwitterArticleReadPolicy

extends VisibilityPolicy(

twitterArticleRules = Seq(

AuthorBlocksViewerDropRule,

)

)

case object ContentControlToolInstallPolicy

extends VisibilityPolicy(

userRules = UserProfileHeaderPolicy.userRules,

tweetRules = UserProfileHeaderPolicy.tweetRules

)

case object TimelineProfileSpacesPolicy

extends VisibilityPolicy(

userRules = UserProfileHeaderPolicy.userRules,

tweetRules = UserProfileHeaderPolicy.tweetRules

)

case object TimelineFavoritesSelfViewPolicy

extends VisibilityPolicy(

tweetRules = TimelineFavoritesPolicy.tweetRules.diff(Seq(DropStaleTweetsRule)),

policyRuleParams = TimelineFavoritesPolicy.policyRuleParams,

deletedTweetRules = TimelineFavoritesPolicy.deletedTweetRules,

userUnavailableStateRules = TimelineFavoritesPolicy.userUnavailableStateRules

)

case object BaseQigPolicy

extends VisibilityPolicy(

tweetRules = Seq(

AbusePolicyEpisodicTweetLabelDropRule,

AutomationTweetLabelRule,

DoNotAmplifyDropRule,

DownrankSpamReplyTweetLabelRule,

DuplicateContentTweetLabelDropRule,

DuplicateMentionTweetLabelRule,

NsfwHighPrecisionTweetLabelRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

LikelyIvsLabelNonFollowerDropUserRule,

NsfwCardImageTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

NsfwTextTweetLabelDropRule,

NsfwVideoTweetLabelDropRule,

PdnaTweetLabelRule,

SafetyCrisisLevel3DropRule,

SafetyCrisisLevel4DropRule,

SearchBlacklistHighRecallTweetLabelDropRule,

SearchBlacklistTweetLabelRule,

SmyteSpamTweetLabelDropRule,

SpamHighRecallTweetLabelDropRule,

),

userRules = Seq(

DuplicateContentRule,

EngagementSpammerHighRecallRule,

EngagementSpammerRule,

NsfwAvatarImageRule,

NsfwBannerImageRule,

NsfwHighPrecisionRule,

NsfwHighRecallRule,

NsfwSensitiveRule,

ReadOnlyRule,

RecommendationsBlacklistRule,

SearchBlacklistRule,

SpamHighRecallRule

))

case object NotificationsQigPolicy

extends VisibilityPolicy(

tweetRules = BaseQigPolicy.tweetRules ++ Seq(

DropAllCommunityTweetsRule,

DropNsfwAdminAuthorViewerOptInFilteringOnSearchRule,

HighProactiveTosScoreTweetLabelDropSearchRule,

LowQualityTweetLabelDropRule,

NsfwHighPrecisionRule,

NsfwHighRecallRule,

NsfwNearPerfectAuthorRule,

NsfwSensitiveRule,

),

userRules = BaseQigPolicy.userRules ++ Seq(

AbusiveRule,

LowQualityRule,

CompromisedRule,

ViewerBlocksAuthorViewerOptInBlockingOnSearchRule,

ViewerMutesAuthorViewerOptInBlockingOnSearchRule,

DropNsfwAdminAuthorViewerOptInFilteringOnSearchRule,

NsfwNearPerfectAuthorRule

)

)

case object ShoppingManagerSpyModePolicy

extends VisibilityPolicy(

tweetRules = Seq(

DropAllRule

),

userRules = Seq(

SuspendedAuthorRule,

DeactivatedAuthorRule,

ErasedAuthorRule,

OffboardedAuthorRule

)

)

case object ZipbirdConsumerArchivesPolicy

extends VisibilityPolicy(

tweetRules = VisibilityPolicy.baseTweetTombstoneRules,

userRules = Seq(

AuthorBlocksViewerDropRule,

ProtectedAuthorDropRule,

SuspendedAuthorRule,

),

userUnavailableStateRules = Seq(

AuthorBlocksViewerUserUnavailableTweetTombstoneRule,

ProtectedUserUnavailableTweetTombstoneRule,

SuspendedUserUnavailableTweetTombstoneRule,

),

deletedTweetRules = Seq(

TombstoneDeletedTweetRule,

TombstoneBounceDeletedTweetRule,

)

)

case class MixedVisibilityPolicy(

originalPolicy: VisibilityPolicy,

additionalTweetRules: Seq[Rule])

extends VisibilityPolicy(

tweetRules = (additionalTweetRules ++ originalPolicy.tweetRules)

.sortWith(\_.actionBuilder.actionSeverity > \_.actionBuilder.actionSeverity),

userRules = originalPolicy.userRules,

cardRules = originalPolicy.cardRules,

quotedTweetRules = originalPolicy.quotedTweetRules,

dmRules = originalPolicy.dmRules,

dmConversationRules = originalPolicy.dmConversationRules,

dmEventRules = originalPolicy.dmEventRules,

spaceRules = originalPolicy.spaceRules,

userUnavailableStateRules = originalPolicy.userUnavailableStateRules,

twitterArticleRules = originalPolicy.twitterArticleRules,

deletedTweetRules = originalPolicy.deletedTweetRules,

mediaRules = originalPolicy.mediaRules,

communityRules = originalPolicy.communityRules,

policyRuleParams = originalPolicy.policyRuleParams

)

case object TweetAwardPolicy

extends VisibilityPolicy(

userRules = Seq.empty,

tweetRules =

VisibilityPolicy.baseTweetRules ++ Seq(

EmergencyDropRule,

NsfwHighPrecisionTweetLabelRule,

NsfwHighRecallTweetLabelRule,

NsfwReportedHeuristicsTweetLabelRule,

NsfwCardImageTweetLabelRule,

NsfwVideoTweetLabelDropRule,

NsfwTextTweetLabelDropRule,

GoreAndViolenceHighPrecisionTweetLabelRule,

GoreAndViolenceReportedHeuristicsTweetLabelRule,

GoreAndViolenceTweetLabelRule,

AbusePolicyEpisodicTweetLabelDropRule,

AbusiveTweetLabelRule,

BystanderAbusiveTweetLabelRule

)

)