## Release Description

The following features were included in the 2021.03 release:

### Shared Modules:

* Egress Proxy Module
* Business Unit Management – AWS CF Stackset
* Make Redshift module Dojo Compliant
* Make Appstream module Dojo Compliant

### Cloud Custodian

* Update Cloud Custodian to send alerts for new Launchpad Beta Policies – 2
* Update Cloud Custodian with new alerts requested by CCC/SPC

### Operational Reliability, Compliance with Optum Tech and Process Improvements

* Ensure EBS encryption for non-root EBS volumes
* Parametrization of EC2 Image Builder

## Feature Descriptions, Documentation Links and Outcomes

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| --- | --- | --- | --- | --- |
| **Rally Feature ID** | **Feature Description** | **Owner** | **Objectives** | **Outcomes** |
| [**F113497**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/505556598896) | Module on AWS Egress Proxy setup | Surendar | Create a module for AWS Egress Proxy Setup that enables access to the internet from AWS | New module created: https://github.optum.com/oaccoe/aws\_egress\_proxy |
| [**F110361**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/489814371884) | Business Unit Management – AWS CF Stackset | Jonathan Ng | The purpose of this feature is to create a basic module to execute Cloudformation StackSet across multiple accounts from a single admin account | New module created: https://github.optum.com/oaccoe/aws\_cross\_account\_stackset |
| [**F113086**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/502762053700) | Make Redshift module Dojo compliant | Jonathan Ng | Standardize existing Redshift module | Documentation updated: https://github.optum.com/oaccoe/tf-aws-redshift |
| [**F113088**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/502764867484) | Make Appstream module Dojo compliant | Navaneethan | Standardize existing Appstream module | Documentation updated: https://github.optum.com/oaccoe/tf-aws-appstream-fleet |
| [**F111494**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/495639984348) | Update Cloud Custodian to send alerts for new Launchpad Beta Policies – Part 2 | CCOE Team | Ensure that Cloud Custodian sends emails alerts for new Launchpad policy violations | Emails alerts were added for the following violations:   * Custodian - AWS SQS server side encryption not enabled * Custodian - AWS ElastiCache Redis cluster with encryption for data at rest disabled * Custodian -AWS CloudFront distribution with access logging Enabled but not to Central logging bucket * Custodian - AWS Redshift access with access logging Enabled but not to Central logging bucket * Custodian - AWS ELB with audit logging enabled but not to Central bucket |
| [**F111267**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/493288490308) | Cloud Custodian: Addition of new alerts per request from CCC/SPC | CCOE Team | Add new alerts to Cloud Custodian as requested by CCC/SPC | Emails alerts were added for the following violations:   * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for a Route Table. * Mechanism to send alerts for any Create/Update/Delete activity for a public or private subnet * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an Fargate Security Group. * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for Fargate Cluster * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an RDS instance * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an IAM user * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an EC2 instance * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an IAM Group * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an IAM policy * Update Cloud Custodian to send alerts for any Create/Update/Delete activity for an IAM role |
| [**F114154**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/508608129260) | Test Parameterization of EC2 Image Builder | Pravin | Confirm reusability of EC2 Image Builder by using parameters | EC2 Image Builder was updated to allow parameterization |
| [**F114742**](https://rally1.rallydev.com/#/380432281308d/portfolioitemstreegrid?detail=/portfolioitem/feature/511847396452) | Enable EBS Encryption for non root EBS volumes | Saroja | Enable EBS Encryption when AMIs are created through AWS Goldpipeline | EBS Encryption was enabled |