Firewall dependencies

This Server → Talks to these servers below over the listed port(s) ↓

Prefix	Server	cs	mna	pm	perm	oam	odj	portal	auth	tsb	tib	tds	art	oam-	sftp	mail	cs-db	auth-db	art-db	mna-db	perm-db	pm-db	tds-db	tib-db	tsb-db	ssh	ext
(Prefix)		cs	mna	pm	perm	oam	odj	portal	auth	tsb	tib	tds	art	oam-	sftp	mail	cs-db	auth-db	art-db	mna-db	perm-db	pm-db	tds-db	tib-db	tsb-db	ssh	ext
cs	Core Standards (CS)								HTTPS-ALT																	SSH	HTTPS
mna	Monitoring And Alerting (MNA)	HTTPS-ALT		HTTPS-ALT	HTTPS-ALT				HTTPS-ALT	HTTPS-ALT	HTTPS-ALT	HTTPS-ALT	HTTPS-ALT													SSH	HTTPS
pm	Program Management (PM)	HTTPS-ALT	HTTPS-ALT		HTTPS-ALT				HTTPS	HTTPS-ALT	HTTPS-ALT	HTTPS-ALT	HTTPS-ALT													SSH	HTTPS
perm	Permissions (Perm)								HTTPS	HTTPS-ALT	HTTPS-ALT	HTTPS-ALT	HTTPS-ALT													SSH	HTTPS
oam	SSO - OpenAM						LDAP							HTTP/HTTP1												SSH	HTTPS
odj	SSO - OpenDJ					LDAP							SFTP													SSH	
portal	Portal					HTTPS																				SSH	HTTPS
auth	Test Authoring (Auth)					HTTPS																				SSH	HTTPS
tsb	Test Spec Bank (TSB)					HTTPS																				SSH	HTTPS
tib	Test Item Bank (TIB)					HTTPS																				SSH	HTTPS
tds	Proctor (TDS)																									SSH	HTTPS
art	Admin and Registration Tool (ART)											HTTPS														SSH	HTTPS
oam-	OpenAM Load Balancer	HTTPS	HTTPS	HTTPS	HTTPS			HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS													SSH	HTTPS
sftp	FTP server									SFTP	SFTP		SFTP													SSH	SSH
mail	Mail server	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP				SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP	SSMTP/SSH	SMTP
cs-db	CS DB - MySQL (RDS)	MYSQL																								SSH	
auth-db	Auth DB - Mongo DB								Mongo																	SSH	
art-db	ART DB - Mongo DB												Mongo													SSH	
mna-db	MNA DB - Mongo DB		Mongo																							SSH	
perm-db	Perm DB - MySQL (RDS)				MYSQL																					SSH	
pm-db	PM DB - Mongo DB			Mongo																						SSH	
tds-db	TDS DB - MySQL (RDS)											MYSQL														SSH	
tib-db	TIB DB - Mongo DB										Mongo															SSH	
tsb-db	TSB DB - Mongo DB									Mongo																SSH	
ssh	SSH Server																										SSH
ext	External																										

Protocol	Port
MYSQL	3306
SSH	22
Mongo	27017
SMTP	25
SSMTP	10025
HTTP	80
HTTPS	443
SFTP	22
LDAP	1389
HTTP-ALT	8080
HTTPS-ALT	8443
HTTP1	8081