

eDMZ DPA Distributed Processing Appliance

Appliance Overview

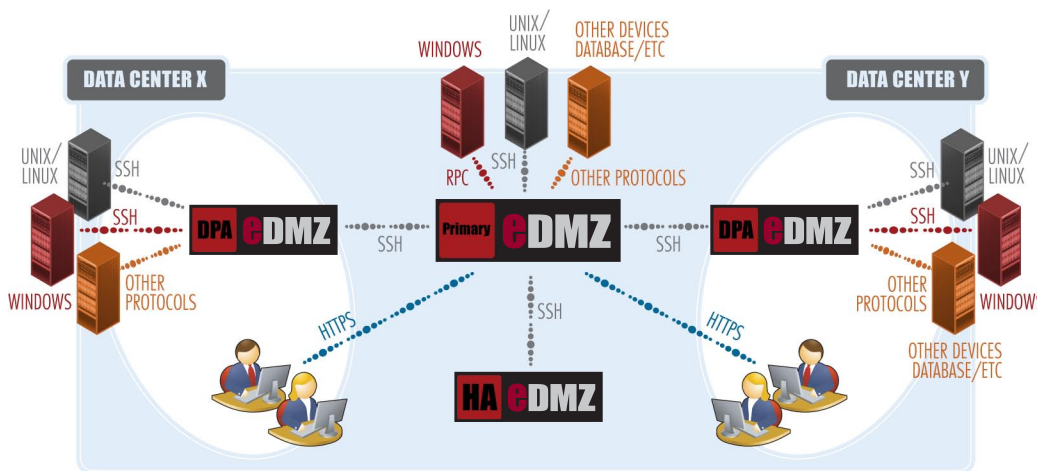
e-DMZ Security's Distributed Processing Appliance (DPA) is an add-on appliance designed to support distributed architecture deployment requirements for the Total Privileged Access Management (TPAM) suite.

DPA Deployment: As reflected in the diagram below, optional DPA(s) can be added to an existing PAR and/or eGuardPost deployment to distribute various processing functions to better support widely distributed architectures



DPA Highlights:

- Provides Distributed Controls
- Reduces external port requirements
- Local password check/change
- Local session control
- Local session recording
- Automatic load balancing
- Scalability



Distributed Processing: The distributed processing features provided by the DPA depend on the TPAM modules enabled on the primary PAR/eGuardPost appliance. DPA supports distributed process options for the Privileged Password Management (PPM) and Privileged Session Management (PSM) modules. The distributed functions provided through the DPA(s) can support local processing for: Password Checks; Password Change; Session Proxy; Session Recording; Recording Archive.

Each DPA is able to support up to 150 concurrent PSM sessions providing unlimited session management and recording scalability.

Reduced Port Requirements: Because the DPA is deployed locally – WAN based port requirements for TPAM deployment are limited to SSH only. Distributed PPM features (i.e. Password Check/Change) are processed via an SSH connection between the Primary PAR/eGuardPost appliance and associated DPA. Distributed PSM features (Session Proxy) are established through and SSH connection between the user and associated DPA. All target device connections are established by the associated local DPA over the LAN.

Distributed Processing Appliance

DPA Affinity: DPA configuration options support the ability to associate specific DPA(s) to handle PSM proxy sessions for access to specific target resources. This allows control over what DPA(s) will handle proxy session and recording for resource access. If for example an authorized user request access to a resource in a UK datacenter – proxy processing and session recording can be targeted to the UK DPA(s) – where access to resources in the Hong Kong datacenter will be processed by the HK DPA(s).

Automatic Load Balancing and Failover: The DPA supports local load balancing and failover. Having multiple DPA(s) deployed at a site, the Primary PAR/eGuardPost appliance can be configured to automatically load balance processing across designated DPA(s). In the event one DPA is unavailable, the Primary appliance will mark the DPA as “down” and processing will continue through the other available DPA(s).

Component	Standard Appliance
HARDWARE	
Processor	Intel Core 2 Duo, 1.8 (2 Cores)
Memory	2GB PC2-5300 667, Unbuffered
Hard Disk	Seagate 160GB 7200.10
Power Supply	260W, single
Fans	1x100mm blower fan
Height	1.7" (43mm)
Width	16.8" (427mm)
Depth	14.0" (356mm)
AC Voltage	100-240V, 60-50Hz, 5-3Amp
Watts (Idle)	91
Watts (Load)	137
BTU (Idle)	311
BTU (Load)	467
Operating System	Linux