

Predict | Protect | Prevent

ARCON|PAM
ARCON PAM LITE

Table of Contents

1 Multi-Server with ARCON PAM Lite 4



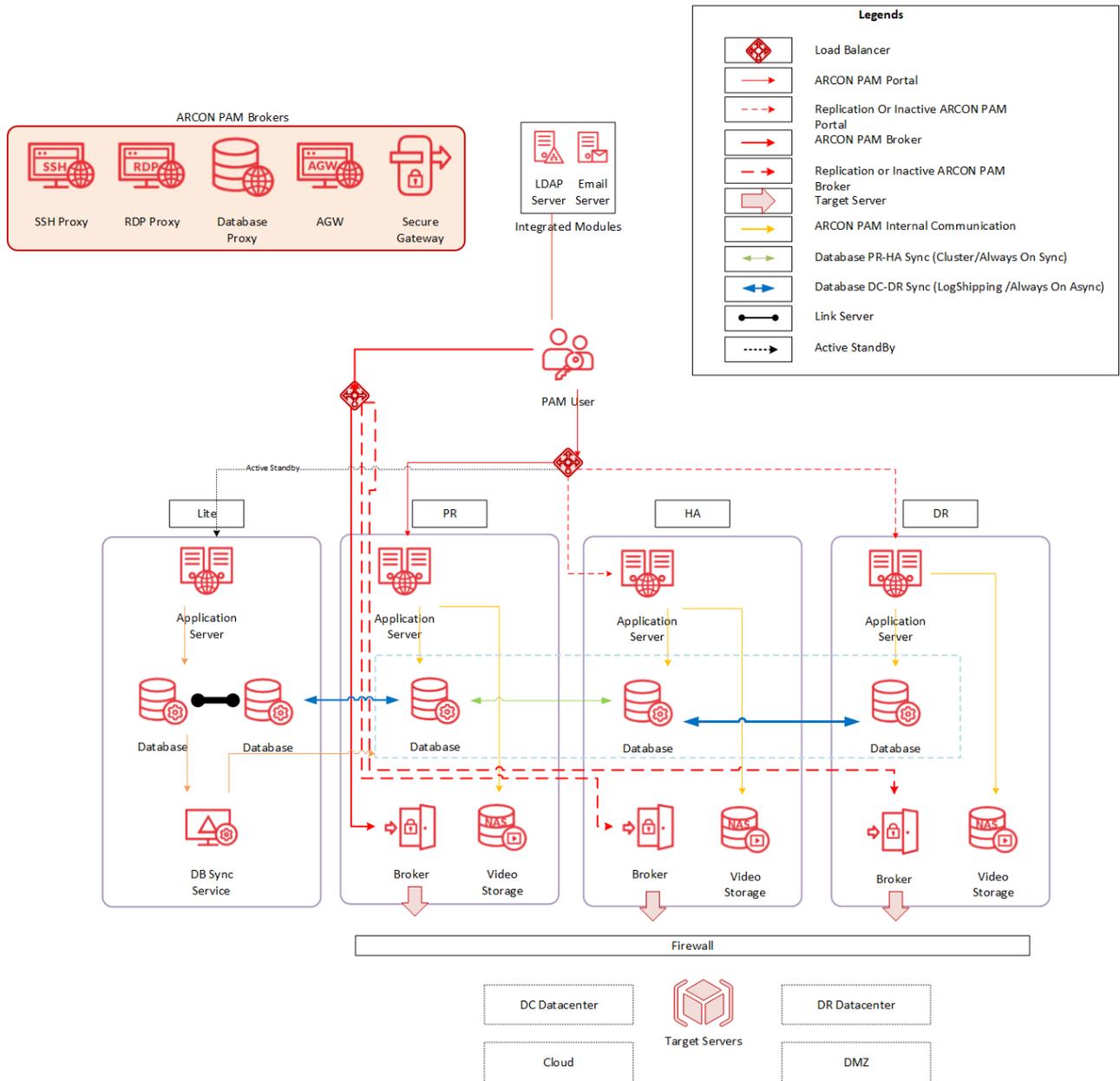
Overview: ARCON PAM Lite is a solution where the customer does not want downtime (Active - Active requirement). This feature will be a Satellite ARCON PAM with limited functionalities wherein the ARCON PAM Administrators will not be able to administer the ARCON PAM Application but the users having the granted access can connect to target devices and perform the activity.

1 Multi-Server with ARCON PAM Lite

Introduced for ARCON PAM Version U4 and above, ARCON PAM Lite is the best fit for the customer looking for a near ZERO Downtime Architecture. ARCON PAM Lite setup is done with two different databases (ARCON PAM Lite Vault & and Vault -Read Only) respectively.

If the production goes down, the user will have to switch to the ARCON PAM Lite APP URL and the application will read from the Vault (Read Only) and write the logs on the ARCON PAM Lite Vault. The Data Synchronization process for HA (High Availability) establishes consistency among data from a source to a target data storage and vice versa and the continuous harmonization of the data over time.

For example, if Production Servers HA is Down and not accessible due to catastrophic failure and the recovery may take a long time, users can switch to ARCON PAM Lite (Restricted Mode) manually which will store Session Logs and Activities performed on ARCON PAM Lite instance to its local database storage. ARCON PAM Lite Vault and ARCON PAM Vault are linked with each other, ARCON PAM Lite Vault is kept in (Read/Write) mode whereas ARCON PAM Vault is in (Read Only Mode). When the user access the ARCON PAM Lite portal the data is pulled from ARCON PAM Vault and once the connection (SSO) is established the logs are written in the ARCON PAM Lite Vault.



1.1 Failure of Production Setup

If Production is Down and not accessible due to failure or any other reason, users have to switch to ARCON PAM Lite Setup e.g. ARCON PAM Lite URL/Portal manually. The user will be able to take SSO and all the Session Logs and Activities performed on this instance will be stored in its ARCON PAM Lite local database storage.

1.2 Restoration of Primary Node

Once Production is restored and accessible then administrator have to run the ARCONDataSync service on secondary node which will synchronize the data from ARCON PAM Lite setup to Production VIA API and Admins will be able to see their activities log from Primary Node.

1.3 Prerequisites

Setup a new server with latest version ARCON PAM, enabled with Restricted mode which includes Logical components for ARCON PAM Lite, API (Middleware) and vault for ARCON PAM Lite Database Server Setup:

Setup a new SQL Server with Always On feature of MS SQL server Enterprise Version/ MySQL (Always On equivalent) (Prerequisites for Always On feature is explained below in SQL Server Always On Installation section). Always On feature will replicate Full ARCON PAM Vault of Primary node to all secondary node data i.e., through one way sync.

1.3.1 Recommendations

Use SQL Enterprise Edition with Always On Replication. Keep separate instance for ARCON PAM Lite on the ARCON PAM Lite Vault. ARCON PAM Lite should be setup on Near DR site or Site 3 other than DR. ARCON PAM Lite should have port openings to all users and target devices to achieve zero downtime. ARCON PAM Lite can also have redundancy for components like APP, SGS, AGW & API.

1.4 Limitations

Users will have to access the ARCON PAM Lite environment through a different URL.

Server Manager cannot be accessed during ARCON PAM Lite access, this is a Security feature.

ARCON PAM Lite only supports Mobile OTP and SMS OTP for 2FA

Privileged Access Management Suite



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