

IMM 1.5

Release Notes



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In this release of Magic xpi IMM 1.5, we are delighted to offer the capability of High Availability in In-memory Middleware along with enhancements and quality improvements.

IMM New Features

The following new features are supported with IMM:

High Availability

The new IMM now can be deployed over a Kubernetes cluster (Min 3 nodes) for High Availability support of the middleware. The deployment script will automatically identify the presence of clustered nodes and deploy them with HA capabilities.

Secured Communication

The IMM now can be SSL-secured with your provided certificates for all communication outside the cluster.

Access Authentication

Access to internal DB and LogDB is now restricted with user authentication. The password for the same is prompted for during deployment.

Installation

Please follow the instructions to use the feature:

- Install the new artifacts by executing **IMM_XPI_HA.bat**.
On executing this file, the backs-up of previous version is taken and new files are extracted.
- Deploy the IMM.
Note: Redeploy the IMM if previous version is deployed.
- Remove and reinstall the **imm-agent** service by running the script files located in `<Magic_xpi_installation_folder>\runtime\OS_Service\scripts\` to use the new imm-agent service.
- When connecting the imm-agent to IMM, If you are using a TLS deployment to validate the certificate, make sure to set the valid CA certificate path for the **TLS_CA_FILE_PATH** flag in `<Magic_xpi_installation_folder>\InMemoryMiddleware\agent\.env` file.
Note: If you do not want to validate the certificate, set the **NODE_TLS_REJECT_UNAUTHORIZED** value to 0 in the `<Magic_xpi_installation_folder>\runtime\OS_Service\bin\win64\imm_agent_service.xml` file and restart the imm-agent service.

Attention:

1. **IMM_XPI_HA.bat** will work on Windows version 2019 and above.
2. If you want to restore the previous version, then please extract the backup files created during the installation.

Note: If you choose to deploy a High Available environment, please refer to the document **Magic xpi IMM 1.5.pdf**.

Known Issues

- While installing IMM if an invalid/expired CA certificate is provided, then it will not be validated.
- At times, on deploying IMM, the **imm-agent** in very rare cases may not connect to IMM. Redeploying the IMM resolves the issue.
- When IMM is undeployed, at times the **Redis** data may not be cleared.

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