



Rocket® z/Assure® Patch



Why patch management matters

Mainframes are mission critical systems at the core of enterprise IT, processing billions of transactions every day. Their security and reliability depend on the timely and accurate application of software fixes.

Identifying and validating required fixes is increasingly complex and resource-intensive.

z/OS® environments lack centralized vulnerability intelligence, making visibility into patch status fragmented. Rocket® z/Assure® Patch closes this gap by delivering comprehensive, multi-tier patch audits that provide clear insight and control.

Location-level audits provide visibility into patch compliance across all SMP/E environments within a z/OSMF location, enabling faster risk identification and more informed remediation decisions.

CSI-level audits deliver precise insight into individual environments, allowing teams to quickly pinpoint gaps and take decisive, targeted action.

Product benefits



Automated tooling to verify the System Modified Program/Extended (SMP/E) status for PTFs.



Multi-tier reporting: Audits for either all the CSI data sets in a location or for each CSI.



UI-driven interface for SMP/e installation.



z/OS native: Runs directly on the mainframe USS (no server required).



Audit-friendly reporting via the user interface, PDF files, and CSV files.



One-time setup for adding multiple z/OSMF locations and CSI data sets.



Key benefits | What you gain

Security Risk Mitigation

- Reduces exposure windows by identifying missing PTFs across environments before known vulnerabilities can be exploited.
- Improves security posture confidence by providing a clear, verifiable view of patch status on mission-critical systems.

Regulatory Compliance

- Simplifies preparation for audits by producing consistent, repeatable evidence of patch compliance.
- Lowers compliance risk by ensuring required fixes are identified and tracked across all relevant SMP/E environments.

Operational Stability

- Decreases the likelihood of outages by ensuring critical fixes are applied in a timely, controlled manner.
- Supports system reliability by helping teams avoid configuration drift across z/OS environments.

Process Improvement

- Cuts manual effort and analysis time through automated, multi-tier patch audits.

Audit reports

01

z/Assure Patch runs a thorough audit and generates comprehensive reports. You can customize the reports to suit your requirements.

02

Location-level Reports: The SMP/E environments of all the CSI data sets available in the selected z/OSMF location are audited and the missing SYSMODs are listed for all CSI data sets. You can customize the report to exclude Unaccepted PTFs, that is, the PTFs that are in the Target zone.

03

CSI-level Reports: The SMP/E environment of a particular CSI data set is audited and the missing SYSMODs in this CSI data set are listed. You can customize the report to include only the security fixes in your report.



About Rocket Software

Rocket Software is a global technology leader in modernization and a partner of choice that empowers the world's leading businesses on their modernization journeys, spanning core systems to the cloud. Trusted by over 12,500 customers and 750 partners, and with more than 3,200 global employees, Rocket Software enables customers to maximize their data, applications, and infrastructure to deliver critical services that power our modern world.

Rocket Software is a privately held U.S. corporation headquartered in the Boston area with centers of excellence strategically located throughout North America, Europe, Asia and Australia. Rocket Software is a portfolio company of Bain Capital Private Equity.



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