



IntelliMagic

Availability Intelligence

Service Offering

z/OS TCP/IP Encryption Compliance Analysis

The Requirement

Security policies and standards such as FIPS-140-2 require data transmissions to be encrypted with specific standards. Ensuring and proving encryption compliance on mainframes is of course, as important as it is for other platforms.



85% of companies say that mainframe security is a top priority, according to a recent Forrester survey.

The Challenge

▶ Addressing Encryption Requirements

Security teams need an easy way to quickly understand and remediate the exact status of all mainframe traffic encryption.

▶ Source Data and Analysis

The mainframe logs IP traffic encryption data in the form of the z/OS Encryption Readiness Technology (zERT) SMF 119 records. But the volume and complexity of this log data makes it extremely difficult and time-consuming to accomplish the encryption compliance assurance tasks manually. Furthermore, this responsibility is often not explicitly defined in the job of the person that has the necessary mainframe log data analysis skills.

The IntelliMagic Solution

▶ Smart zERT Data Analytics

IntelliMagic has developed intelligent data analysis software for the mainframe zERT encryption data. This technology is the basis of a proven methodology to validate the compliance of your organization's z/OS IP traffic encryption in a structured services engagement performed by IntelliMagic's world-class mainframe experts.

▶ Experience Delivers Results

This IntelliMagic service offering, which combines IntelliMagic's software technology with the vast experience of the IntelliMagic experts, is the best way to accomplish the difficult task of encryption security policy compliance. IntelliMagic's experience includes working with the largest and most complex mainframe shops on many aspects of z/OS infrastructure analysis.

This Service Offering will:

- ▶ **Show** exactly what z/OS IP traffic is currently encrypted and how
- ▶ **Compare** current status with policy or industry standards
- ▶ **Assist** with clarifying your mainframe encryption policy if needed
- ▶ **Collaborate** with IT to efficiently remediate identified gaps
- ▶ **Demonstrate** to auditors effective encryption for z/OS TCP/IP
- ▶ **Review** encryption status periodically as needed

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