Devolutions
Server

TECHNICAL
SPECIFICATIONS

OVERVIEW

We understand the significant level of effort and resources required to secure critical assets against cyberattacks and insider threats. But we also know that security is one of the core challenges every organization must face.

Devolutions Server lets you control access to privileged accounts and manage remote sessions through a secure solution that can be deployed on-premises or in your private cloud. When used in combination with Remote Desktop Manager, Devolutions Server becomes the single pane of glass of any IT department, integrating passwords and vaulting credentials for privileged accounts with a robust and efficient remote connections management solution.

SYSTEM REQUIREMENTS

Devolutions Server needs Microsoft .Net Framework 4.8 to function. You must adapt your environment depending on which version you are running.

Dependencies

• Microsoft SQL Server 2012/2014/2016/2017/2019 (including Express editions)

• Windows 10, Windows Server 2012r2, 2016 or 2019

• Windows Server 2012R2 domain functional level or higher

• Microsoft .NET Framework 4.8 (please refer to the requirements for the .NET Framework for operating systems)

• Internet Information Services (IIS) 7.0 or higher

• Devolutions Server Console must be installed on the server to manage the Devolutions Server instance(s)

Server Sizing

The vast majority of setups work properly with nodes of 4GB RAM and a dual CPU. Most of these are virtualized environments. For a proper estimate, the following aspects must be considered:

• Number of entries stored in your instance (server details, credentials, etc.)

• Churn of these entries - Do you create entries daily or are they quite static?

• Number of concurrent users that connect to the Devolutions Server instance during peak times

• Usage of information by users – Do they launch 10 sessions at a time, doing a batch operation that takes a few minutes, then repeating the cycle? Or do they open only a few sessions and work within them all day long, resulting in write operations to our logs? The former case is more intensive than the latter.

64-Bit Support

Devolutions Server is compatible with all 64-bit versions of Windows.

SECURITY SPECIFICATIONS	
Data Protection	• Sensitive data is encrypted at rest. • Possibility of adding your security provider for certificate or passphrase encryption. • AES is used for encryption.
Authentication Methods	Username Password, LDAP(S), Active Directory, AzureO365, OAUTH and more
Two-Factor Authentication	• Google Authenticator • Email • Duo • Yubikey • SMS • Azure MFA • Radius • Devolutions Workspace
Data Transmission	Support for encrypted communications over HTTPS using TLS.
Access Control	• IP restriction • Geolocalization and time-based • Role-based (RBAC) • DAC • Application-level restriction
Logging & Monitoring	• Access logs • Audit trails • Syslog • Email alerting and notifications
Offline Access (with Remote Desktop Manager clients only)	• Encrypted by default • Support for passphrase

Devolutions | **WHERE IT MEETS SECURITY**

For more information, please visit us at **https://devolutions.net**