

Cheat Sheet - Appspace 7.1 On-Prem

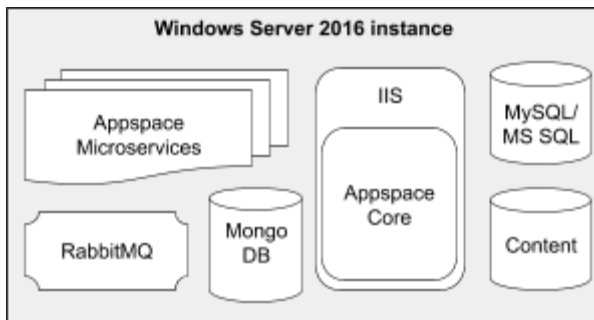
New Features

Appspace 7.1 introduces improved console experience with the following features:

- Key tasks checklist on dashboard for first-time-users.
- Import, export, or share any channel type i.e. playlist, live stream, advanced.
- Dayparting/playlist scheduling for a single content or a folder with multiple content.
- Customize dashboard landing page for custom extensions.
- Several UX improvements for improved user experience.
- New Cards i.e. Schedule Board, Google Slides, Google Sheets, RSS, etc.

Architecture

Appspace 7.1 leverages a true microservices architecture. It utilizes a .NET Core framework, MongoDB document storage, and RabbitMQ message broker, on a traditional Windows environment.



New Architecture Benefits

- Flash is replaced with an HTML-based progressive web app (PWA).
- Performance is improved as key services run and scale independently.
- Improved reliability of communications thanks to a new message bus.
- Faster isolation of performance and software issues thanks to better code segregation.
- Document database for more native storage.
- GUID-based object identification for global uniqueness.

Minimum Hardware Specifications

Server hardware is based on an Omni-D scale with a typical number of channels (20) and device tasks (10). As several factors affect correct server sizing, a larger or more complex deployment will require higher hardware specifications.

	7.0	7.1
CPU	8 vCPU	8 vCPU
RAM	16 GB	16 GB
HDD	2 TB	2 TB
Network	10+ MBps	10+ MBps

Supported Browsers

Tested for an optimal console experience.

	7.0	7.1
Chrome	69.0 (64-bit)	77.0 (64-bit)
Firefox	63.0	69.0
Internet Explorer	11.0	11.0
MS Edge	42.1	44.1

Software Requirements

Prior to running the Appspace installer ensure software dependencies are installed.

	7.0	7.1
OS	Windows Server 2012 R2 x64	Windows Server 2019/2016
.NET	Microsoft .NET Framework 4.6.1	Microsoft .NET Framework 4.6.2
Web Server	IIS for Windows Server	IIS for Windows Server
Database	MySQL 5.7 / MS SQL Server 2012	MySQL 8.0 / MS SQL Server 2016

Network Requirements

HTTPS

- HTTPS as an access protocol to Appspace server
- DNS FQDN and a valid SSL certificate for Appspace server

Whitelists

- https://*.appspace.com
- https://*.appspaceusercontent.com
- https://*.appspacestatic.com
- Any external NTP server
- Any external content sources (e.g RSS feeds)

Firewall Ports

- Port 443 - HTTPS

Prerequisites For Upgrading

- Appspace on-prem 6.2.4 or later
- Internet connectivity