


Deployment requirements

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 **Summary:** information to help you plan your **AIP Core** installation.

Hardware

On-premise

Server type	Architecture	CPU	RAM	DISK	OS	Notes
Physical /virtual	64-bit	Minimum 1 CPU / 2 cores: <ul style="list-style-type: none"> • Intel Core i5, 2.6 GHz • Intel Xeon, 2.2 GHz Recommended 1 CPU / 4 cores: <ul style="list-style-type: none"> • Intel Core i7, 2.8 GHz • Intel Xeon, 2.6 GHz 	16GB min	256GB (SSD recommended)	Windows	<p>The recommended disk space takes into account space for the following folders hosted on the AIP Node:</p> <ul style="list-style-type: none"> • Delivery folder • Deploy folder • Log files, • Extensions folder • LISA / LTSA . <p>You can refer to CAST AIP for Dashboards - Deployment considerations or Deployment considerations for CAST Imaging for more information about this.</p>






Cloud services

The following requirements are based on CAST's own testing for the analysis of a single "large Application", using [Amazon EC2 R5 Instances](#):


Component	Minimum instance type	Volume Size	Volume Type	Minimum IOPS
AIP Core + AIP Node (back end)	r5.large	128GB	General purpose SSD (gp2) or Provisioned IOPS SSD (io1)	400

Software

Supported Operating Systems

Operating System	Supported	Supported by reference	Deprecated support	Notes
Microsoft Windows Server 2019				<ul style="list-style-type: none"> • Installations of Windows Server using only Server Core (i.e. without a GUI) are not supported. • Support is provided from AIP Core 8.3.13. For older 8.3.x releases, support is "by reference".
Microsoft Windows 10				
Microsoft Windows Server 2016				Installations of Windows Server using only Server Core (i.e. without a GUI) are not supported.
Microsoft Windows 8.1				
Microsoft Windows 7 SP1				


Microsoft Windows Server 2012 R2 (Standard edition)		✓		Installations of Windows Server using only Server Core (i.e. without a GUI) are not supported.
Microsoft Windows Server 2012 (Standard edition)		✓		
Microsoft Windows 8		✓		
Microsoft Windows Server 2008 R2 SP1 (Standard edition)		✓		

 The **Visual Basic analyzer** is delivered as a 32-bit "application". Please read the section **Visual Basic analyzer and 64-bit compatibility** in [Visual Basic - Required third-party software](#).

.NET Framework

The following features require the presence of a .NET Framework on the target server

Feature	Summary
User Input Security	<p>This feature requires the .NET Framework as follows:</p> <ul style="list-style-type: none"> • AIP Core 8.3.42 requires 4.7.1. • AIP Core 8.3.43 requires 4.7.2. <p>This requirement is valid regardless of the technology (JEE or .NET) that is being targeted in the User Input Security feature.</p>
.NET Analyzer extension	<p>This extension requires the .NET Framework. Please see the documentation for the specific extension release you are using for more details about the .NET Framework version that is required.</p>

 The AIP Core setup will install a specific version of the .NET Framework on the target server. See [Install AIP Core](#) for more information.