

Justification:

- Managed Cloud Services are required for online applications of the University like Examination/Account/Digilocker APIs, Admission cum counselling software.

Specifications:**Type 1 Server:**

Item Name	Requirement
Service Type	Managed Cloud Services (Subscription Based)
CPU	20 Core (Latest Intel Xeon with minimum turbo frequency of 2.7 GHZ)
RAM	32 GB – on demand extendible upto 64 GB (DDR4 or higher)
Data Disk	1.5 TB SSD
OS Disk	500 GB NVMe
Static IP Address	Multiple (upto 5 as per need)
Bandwidth	100 Mbps dedicated for server
Operating System	Windows Server 2022 or higher
Database Server	Microsoft SQL Server 2022 Standard, MySQL 8.0 or higher
Application Framework Support	Support for Microsoft .NET Framework 4.0 and above
PHP Support	Support for PHP 8.1 or higher
Internet Information Server	Required
FTP/SFTP service enabled	Required
Secure Remote Access	Required
Concurrent Login Session	Multiple (up to 3 as per need)
Firewall	Required
SSL Certificate	SSL certificate installation and configuration required
Antivirus / Anti-Spam /Antimalware	Required
Custom Fonts installation	Required
Detailed Access to Statistics of server using reporting platform	Required
Real time monitoring of performance parameters (Bandwidth, hardware, utilization, concurrent connections etc.)	Required
Bulk Upload and download	Required (for Text, excel reports and PDF documents.)
Server Uptime	99.9 % or more
Dedicated Support	24x7 dedicated technical support
Backup Tool	Yes
Full Root Access and Administrative privileges	Full Root/Administrator access with administrative privileges

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(Dr. NARESH GARG)

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(Sh. ASHOK KUMAR)

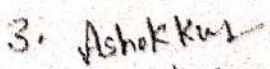


Type 2 Server:

Item Name	Requirement
Service Type	Managed Cloud Services (Subscription Based)
CPU	14 Core (Latest Intel Xeon with minimum turbo frequency of 2.7 GHZ)
RAM	32 GB - on demand extendible upto 64 GB (DDR4 or higher)
Data Disk	1TB SSD
OS Disk	300 GB NVMe
Static IP Address	Multiple (upto 5 as per need)
Bandwidth	100 Mbps dedicated for server
Operating System	Windows Server 2022 or higher
Database Server	Microsoft SQL Server 2022 Express Edition (64-bit), MySQL 8.0 or higher
Application Framework Support	Support for Microsoft .NET Framework 4.0 and above
PHP Support	Support for PHP 8.1 or higher
Internet Information Server	Required
FTP/SFTP service enabled	Required
Secure Remote Access	Required
Concurrent Login Session	Multiple (up to 3 as per need)
Firewall	Required
SSL Certificate	SSL certificate installation and configuration required
Antivirus / Anti-Spam / Antimalware	Required
Custom Fonts installation	Required
Detailed Access to Statistics of server using reporting platform	Required
Real time monitoring of performance parameters (Bandwidth, hardware, utilization, concurrent connections etc.)	Required
Bulk Upload and download	Required (for Text, excel reports and PDF documents.)
Server Uptime	99.9 % or more
Dedicated Support	24x7 dedicated technical support
Backup Tool	Yes Daily automated backups Data restoration support in case of failure or corruption
Full Root Access and Administrative privileges	Full Root/Administrator access with administrative privileges

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(Dr. NARESH GARG)

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(Sh. RAHUL GARG)

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22/5/26
(Sh. Ashok KUMAR)

Type 3 Server:

Item Name	Requirement
Service Type	Managed Cloud Services (Subscription Based)
CPU	8 Core (Latest Intel Xeon with minimum turbo frequency of 2.7 GHZ)
RAM	16 GB – on demand extendible upto 32 GB (DDR4 or higher)
Data Disk	500 GB
OS Disk	SSD 300 GB
Static IP Address	Multiple (upto 5 as per need)
Bandwidth	100 Mbps dedicated for server
Operating System	Windows Server 2022 or higher
Database Server	Microsoft SQL Server 2022 Express Edition (64-bit), MySQL 8.0 or higher
Application Framework Support	Support for Microsoft .NET Framework 4.0 and above
PHP Support	Support for PHP 8.1 or higher
Internet Information Server	Required
FTP/SFTP service enabled	Required
Secure Remote Access	Required
Concurrent Login Session	Multiple (up to 3 as per need)
Firewall	Required
SSL Certificate	SSL certificate installation and configuration required
Antivirus / Anti-Spam / Antimalware	Required
Custom Fonts installation	Required
Detailed Access to Statistics of server using reporting platform	Required
Real time monitoring of performance parameters (Bandwidth, hardware, utilization, concurrent connections etc.)	Required
Bulk Upload and download	Required (for Text, excel reports and PDF documents.)
Server Uptime	99.9 % or more
Dedicated Support	24x7 dedicated technical support
Backup Tool	Required
Full Root Access and Administrative privileges	Full Root/Administrator access with administrative privileges

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(Dr. NARESH GARG)

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(Sh. RAHUL GARG)

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(Sh. ASHOK KUMAR)