

Minimum Requirements for a Project Charter

Module 5: Technical Compliance

Topic 3: Node Core Capabilities Implementation



The Ten Capabilities

Core Capability	What it covers
Resource Catalogue and Registry services	Catalogue of your Node's resources with a search engine
AAI	Federated access via AARC Blueprint-compliant proxy (<i>Topic 1</i>)
Helpdesk	Incident response and service requests
Service Monitoring	Availability and quality monitoring of Node services
Service and Research Product Accounting	Tracking and recording resource usage
Order Management	Framework for offers and access requests
Configuration Management System	Internal record of Node capabilities and service delivery (internal use only)
User Space	Customisable dashboard where Node users log in
Application Deployment Management	Automated deployment and execution of services
Resource Provisioning	Helping users identify and assign available resources to a project

The Ten Capabilities

Not all ten need the same depth of treatment, because they don't all carry the same urgency.

Mandatory

Two (AAI, Catalogue) are **mandatory** Federating Capabilities, already covered in Topics 1–2.

Recommended

Three more — Helpdesk, Service Monitoring, Service Management System — are Federating Capabilities currently **recommended but confirmed to become mandatory in 2026**, so these deserve a real plan, not just acknowledgement.

No mandatory

The rest (Accounting, Order Management, Application Deployment Management) remain **recommended with no mandatory deadline yet** — a brief statement of intent is enough.

Matching Maturity to Federating Capability Status

Weak

“Our Node will participate in Federation-wide monitoring and helpdesk services.”

The second version distinguishes urgency correctly — it treats the 2026-mandatory items with real specificity and the merely-recommended items proportionately lighter.

Strong

“For Service Monitoring (becoming mandatory in 2026), our Node will implement a standardised interface publishing uptime and availability metrics to the central Monitoring Repository, building on internal monitoring already in place for our Data Discovery Service. For Helpdesk (also becoming mandatory in 2026), first-line support remains with our institutional support desk, escalating cross-Node tickets per the Federation’s ticket-handling procedure once released. For Service Accounting (recommended, no mandatory date yet), we intend to adopt Federation accounting once guidelines are published.”

For each Core Capability, note your Node's approach (AAI and Catalogue are covered in Topics 1 – 2):

Helpdesk (becoming mandatory 2026):

Service Monitoring (becoming mandatory 2026):

Service Management System (becoming mandatory 2026):

Service/Research Product Accounting (recommended):

Order Management (recommended):

Application Deployment Management (recommended):

Configuration Management System / User Space / Resource Provisioning (brief note each):

Thank you!