

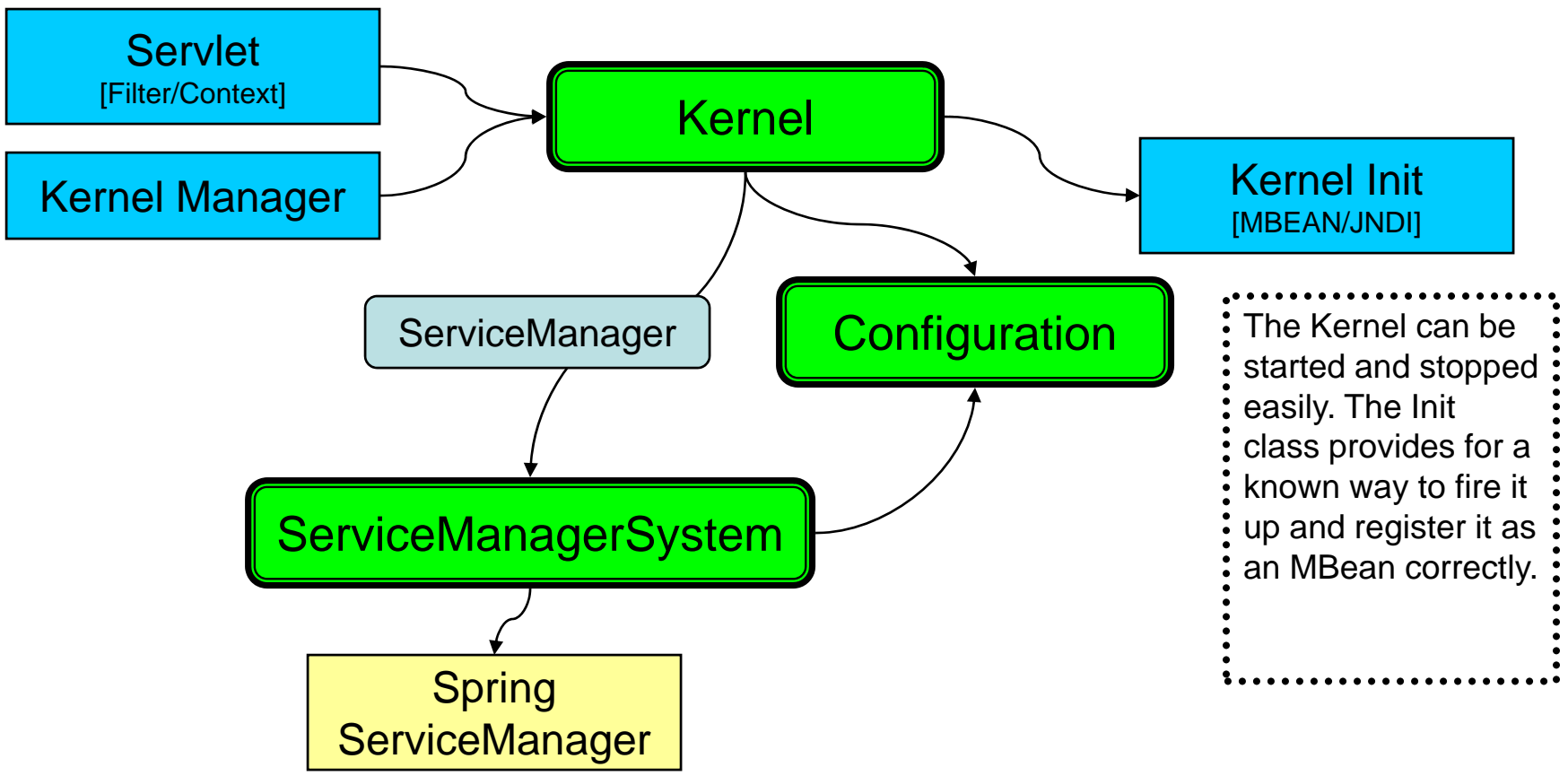
DSpace 2

Service Manager Framework

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DS2 Kernel

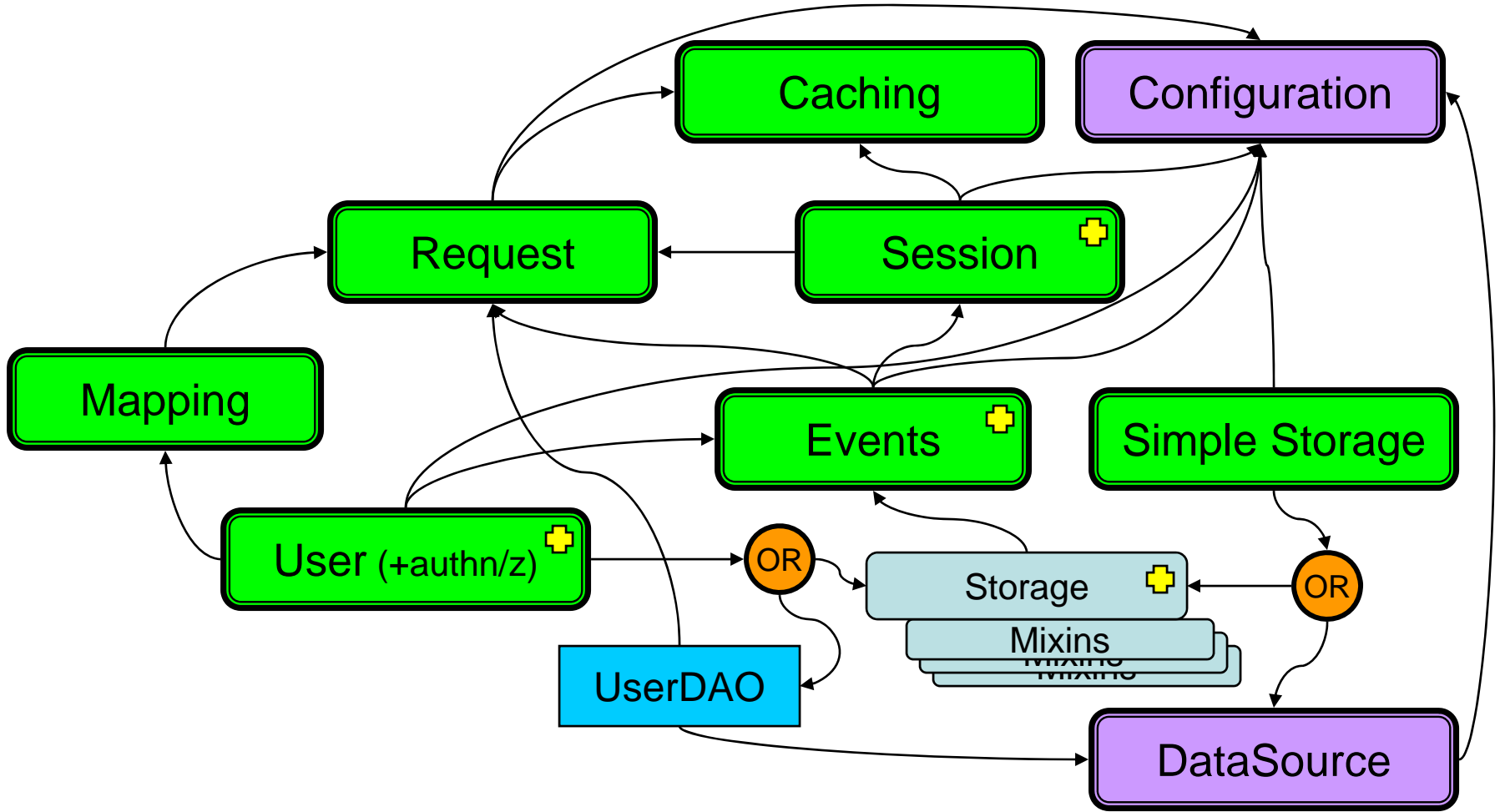
(Configuration / Service Manager)



The Kernel can be started and stopped easily. The Init class provides for a known way to fire it up and register it as an MBean correctly.

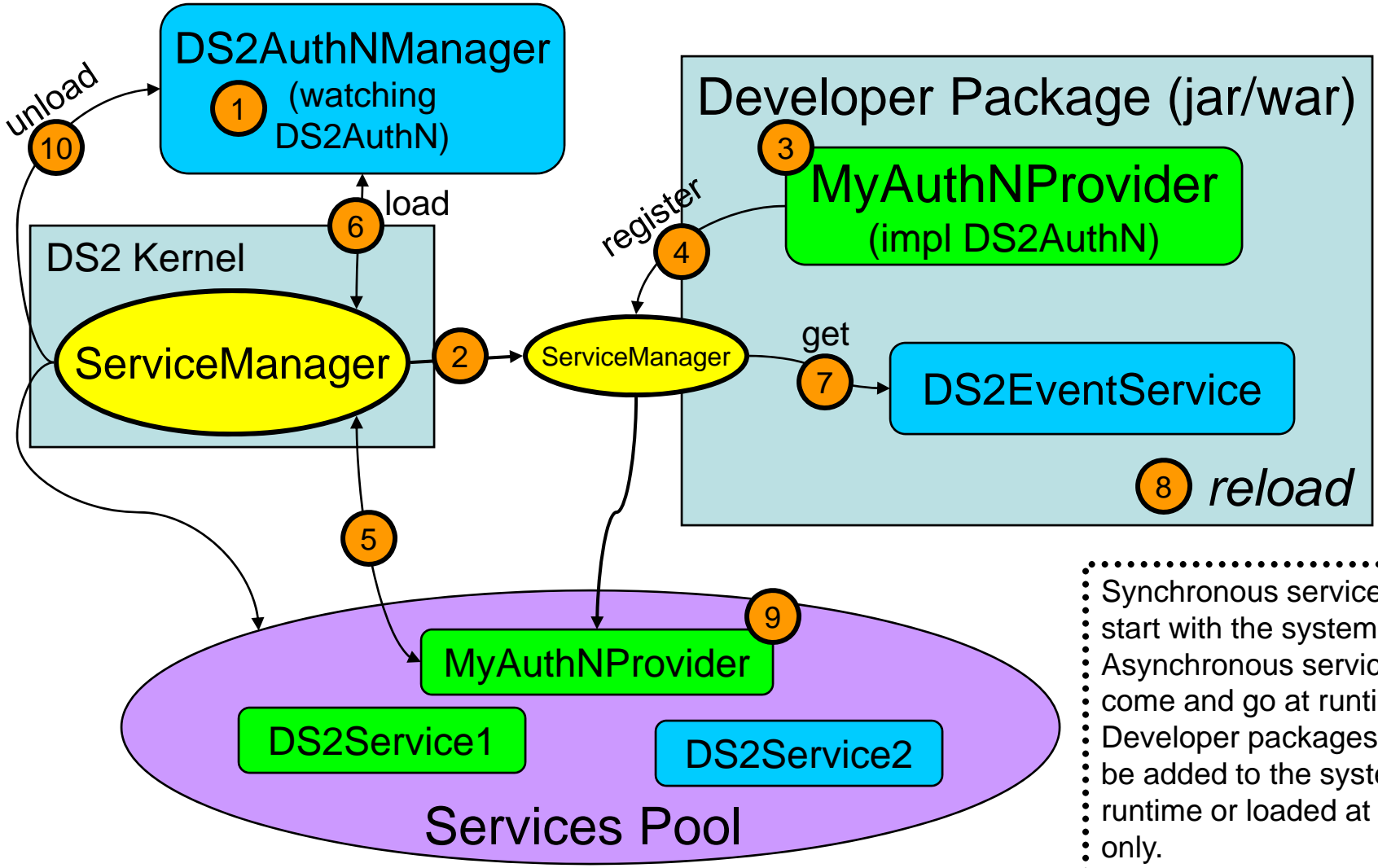
The service manager implementation can be replaced by something like OSGi later if desired.

DS2 Core Services



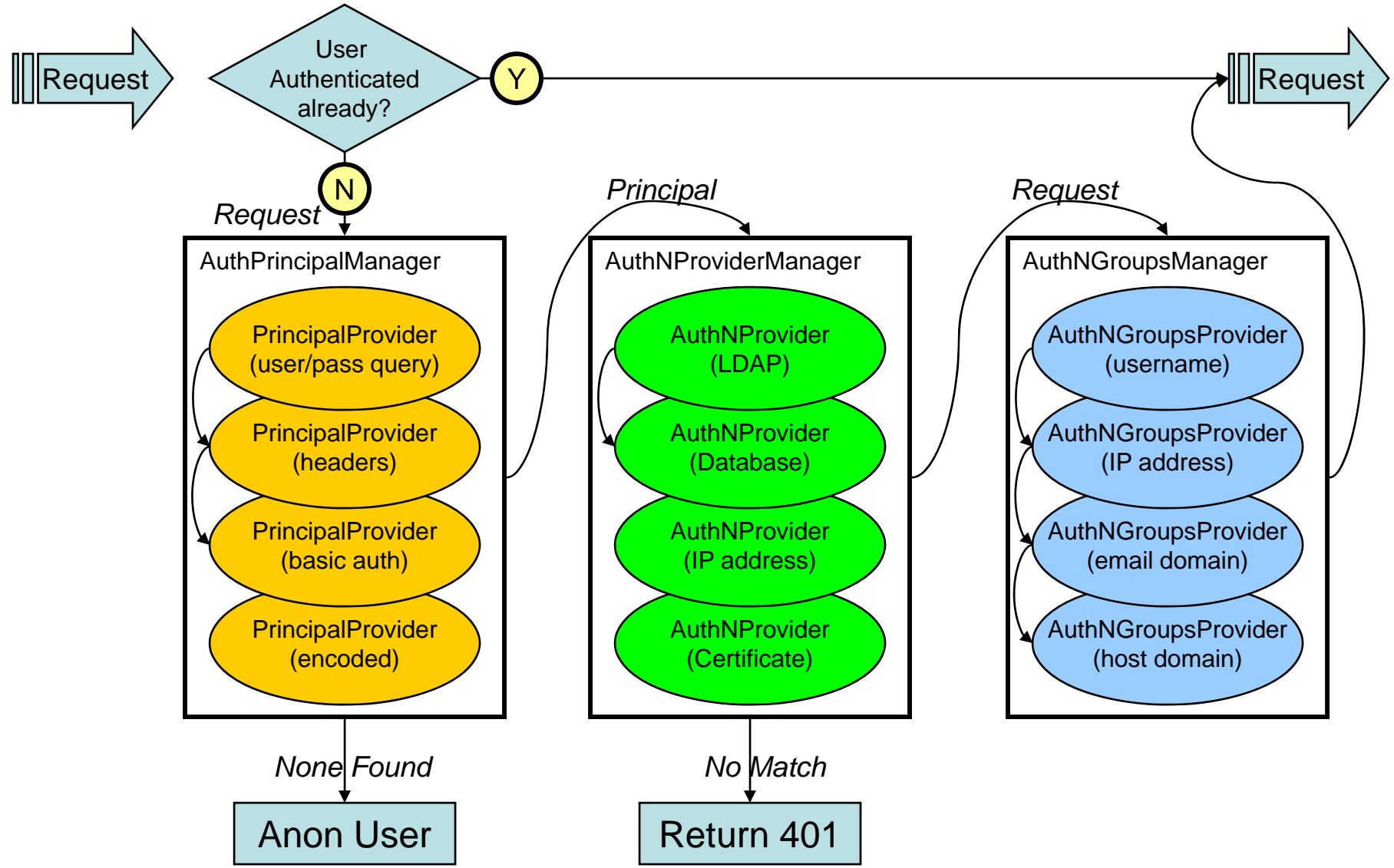
The core services define the functionality of DSpace 2 and provide access to DSpace data. They manage storage/content, users, permissions, and assist with caching and event handling. The services can be controlled via configuration and overridden via plugins and providers.

DS2 Service Manager

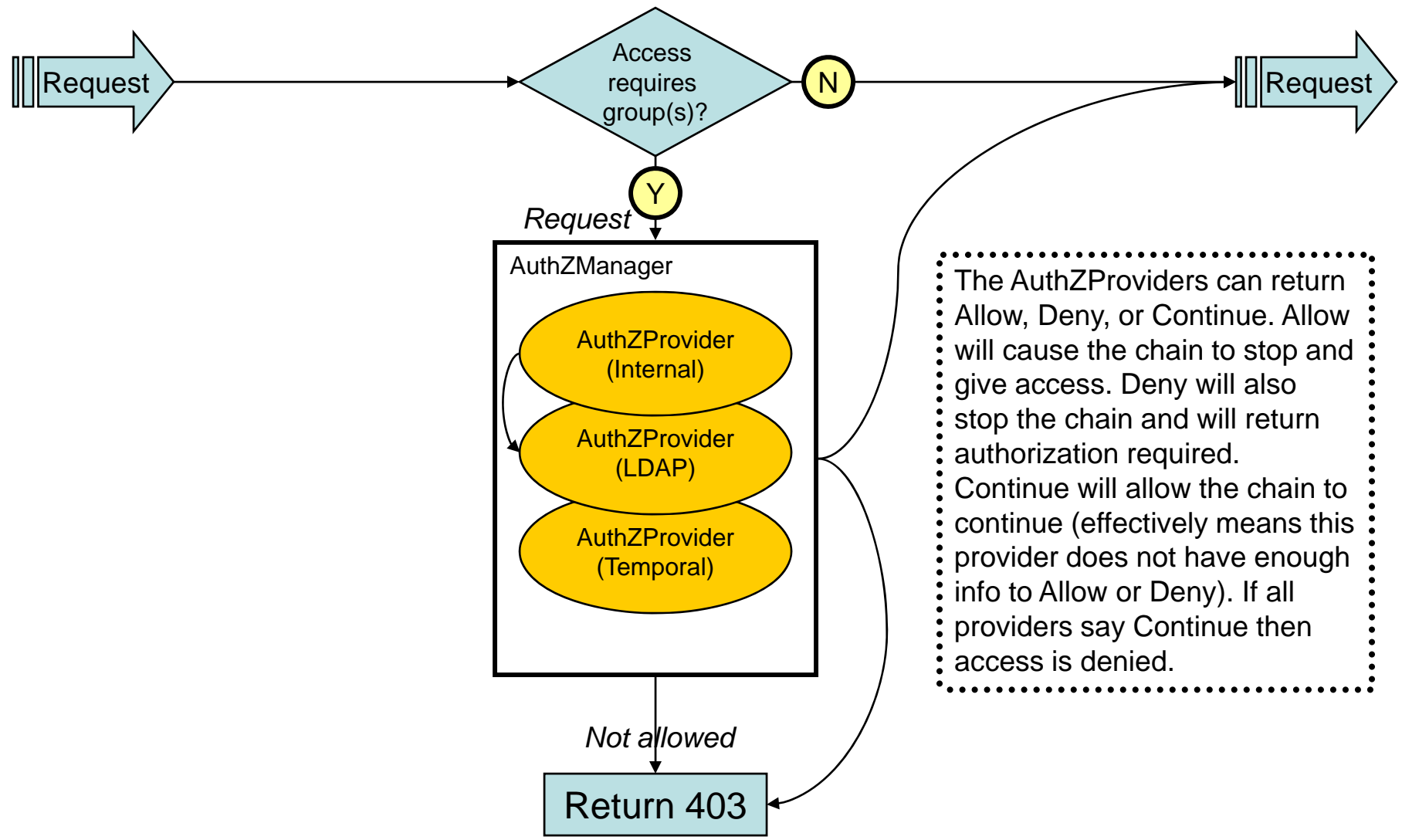


Synchronous services must start with the system. Asynchronous services can come and go at runtime. Developer packages can be added to the system at runtime or loaded at start only.

DS2 Authentication



DS2 Authorization



The AuthZProviders can return Allow, Deny, or Continue. Allow will cause the chain to stop and give access. Deny will also stop the chain and will return authorization required. Continue will allow the chain to continue (effectively means this provider does not have enough info to Allow or Deny). If all providers say Continue then access is denied.

DS2 Storage Service

