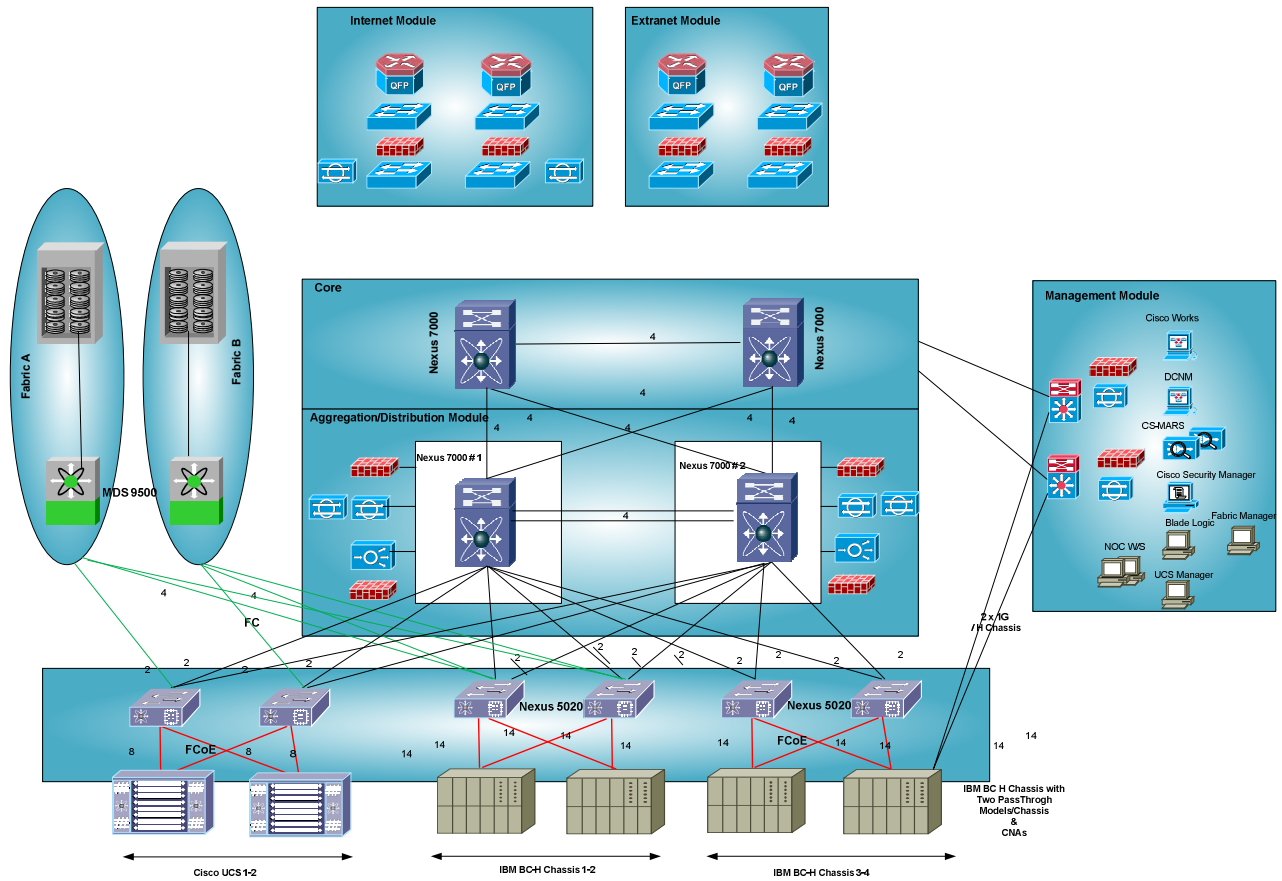


Hosted Data Center – High Level Design



- **System Description**

Service Provider Hosted Data Center provides customer with required isolated infrastructure as a service, this service empower customers with the ability to have redundant & high available infrastructure that can serve their organization internal employees as well as publish their services to the internet as well as through Service Provider MPLS.

- **Customer Benefit**

Service Provider has built a Data Center to provide managed hosted services. The Data Center infrastructure comprises of different building blocks. The main access to the managed hosted services data center will be through the Internet and through Extranet connections over service providers IP-MPLS backbone configured via separate MPLS-VPNs. The solution can be summarized as follows :

- The network will provide access to the managed hosted services for customers through the Internet and through Service Provider IP-MPLS backbone over separate MPLS-VPNs per each customer, which are designated as extranet connections.
- Key factor in this design includes the ability to provide an end-to-end path isolation for customers accessing the managed hosted services from the MPLS block. - This will primarily support overlapping source IP address ranges for different customers.
- Availability of the solution is high and all components are redundant.
- The solution offers a high level of security for data transport as well as the infrastructure itself
- The solution requires minimum network provisioning and operational overheads with an easy-to-scale design.
- The solution provides uninterrupted security service provisioning.