What does Cybersecurity Risk Management at UW-Madison look like?

WISCONSIN
UNIVERSITY OF WISCONSIN–MADISON

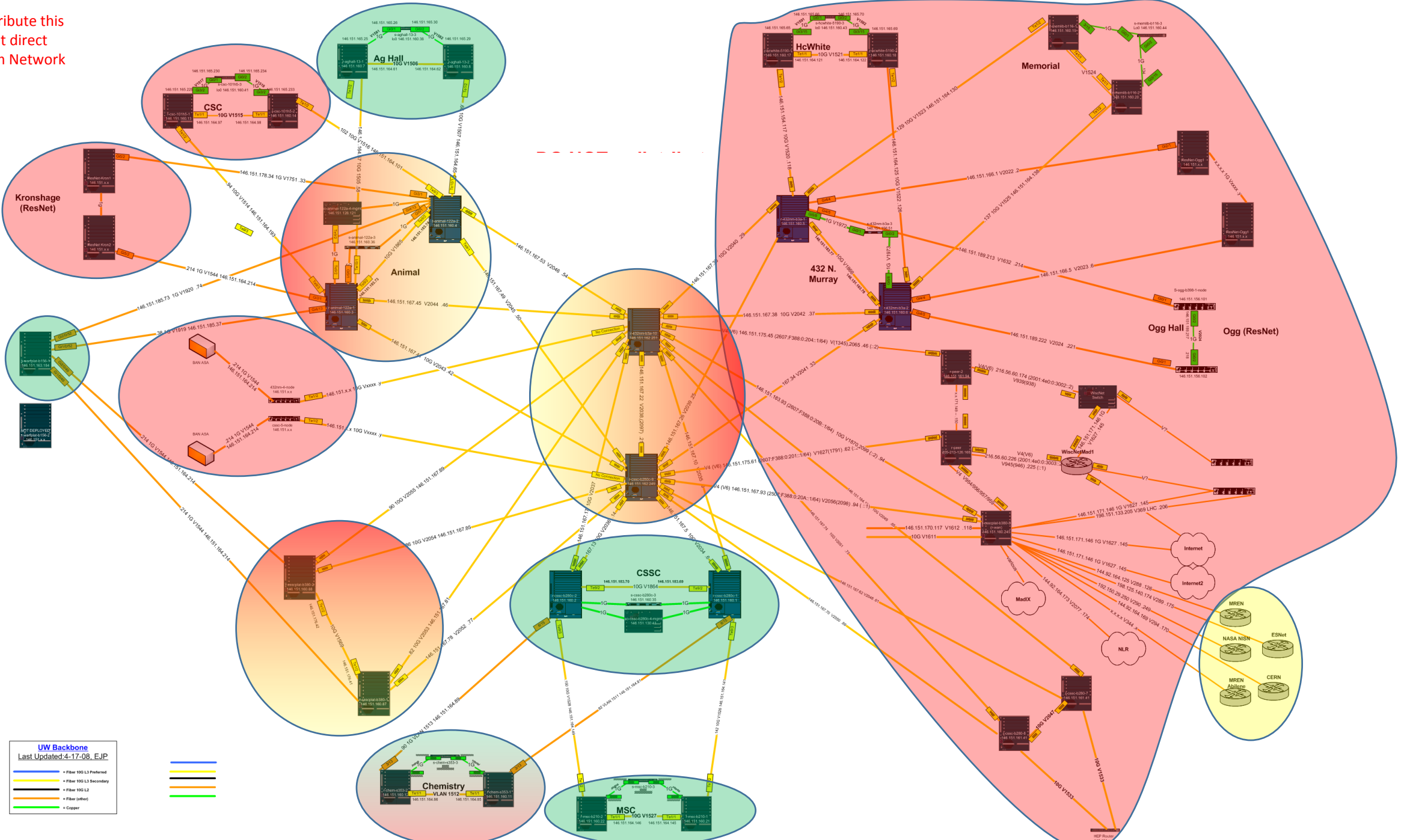| RMF Stage	Description
Categorize System	A data driven process where the security requirements of the system are defined by the highest classification of data handled by or stored within the system or processes
Select Security Controls	Assignment of the administrative, physical and technical controls required to protect the data are drawn from an agreed security controls framework.
Implement and Validate Controls	During design and development, the selected controls are incorporated into the system design and verified to adequately protect data
Assess and Authorize	Assess the implementation of selected controls and determine the residual risk with mitigating factors applied. This stage leads to a formal declaration that the system operates at a defined level of risk
Mitigate and Monitor	Continually assess the operational controls against the evolving vulnerability, threat and impact factors. When controls fail or external influencers dictate, determine and implement mitigating controls and review risk.

Category	Availability	Integrity	Confidentiality	Risk of Exposure
Restricted	(varies)*	High	High	High
Sensitive	(varies)*	(varies)*	Moderate	Medium
Internal	(varies)*	(varies)*	Low	Low
Published/Public	(varies)*	(varies)*	N/A	Low
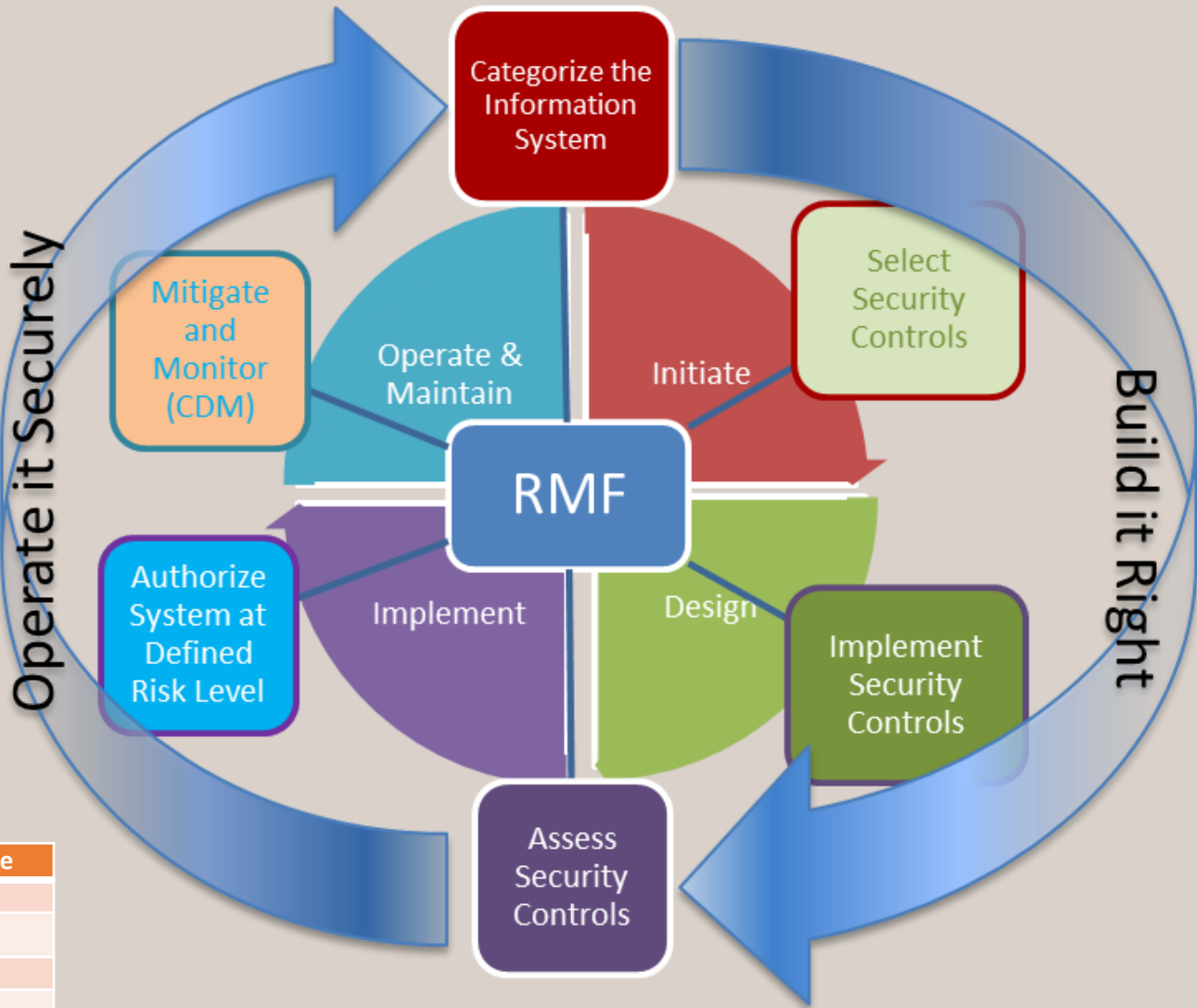
UW Madison - Existing fiber
Last Updated: 3/21/06 SJB

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Key
= Singlemode fiber (1Gig, 10 Gig Capable)
= 1 Gig capable
= 100 Mb capable
= Unknown
= Beyond ethernet distances
/ ## MM or SM = Multi or Singlemode strands available / total
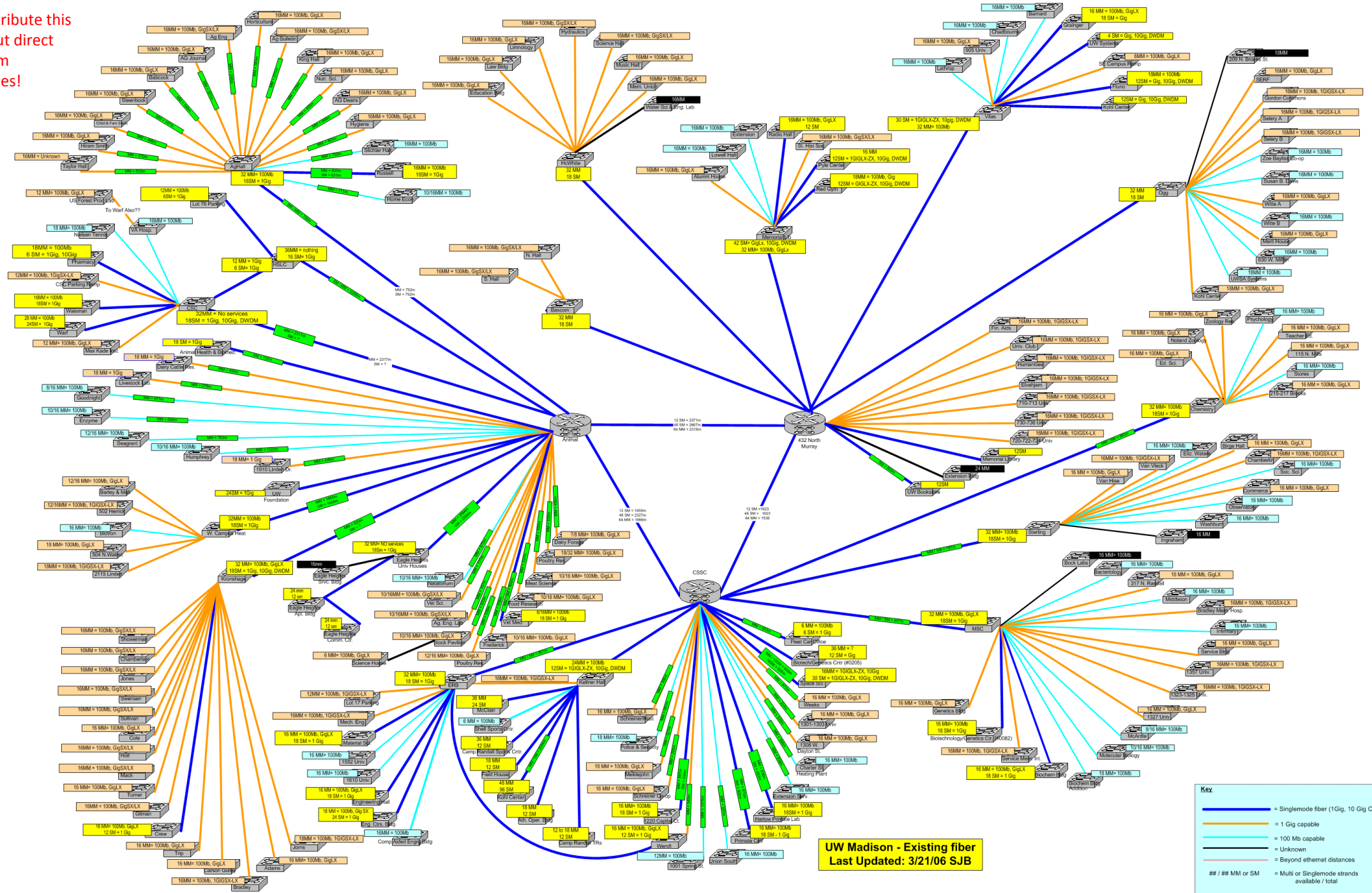
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UW-Madison Campus architecture