

Team: Team 3

Inject Number: 31

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From: IT Director

To: nrastructure Team

Subject: 002 IPv6 Implementation Plan

We have been notified by a key customer that we will need to be able to support IPv6. The only way we will be able to communicate with them is via IPv6.

Develop a report that describes our ability to support IPv6. We need an inventory of devices and whether they are IPv6 ready. Include routers, firewalls, switches and servers.

The company has been assigned the prefix 2001:DB8:6B21/48. We need to be able to support our network and potentially 10 others. Design an address structure for 11 networks. For the external customers use Customer A, B, C, etc. in the addressing plan.

Respond with a management memo that documents the inventory, IPv6 readiness, and address space design.

Thank you.

IT Director