



Backbone Aguascalientes - Calvillo e integración de Websense al Directorio Activo del Gobierno del Estado de Aguascalientes [

2018

text (article)

Analítica

An analysis, proposal and implementation of a robust wireless backbone with support for virtual networks (VLANs) is reported, which allows to integrate dependencies located in Calvillo town to Aguascalientes State Government (GEA) network in a stable manner, with a 99.99% of availability for the installed links according to selected modulation mode, strengthening the communications channel with respect to previous infrastructure and reducing collision domains, while allowing distribution of digital services to management partners in this area (Internet, Email, voice over IP, applications, databases, etc.). Link reliability studies prior implementation of the backbone are carried out, which starts at State Government Palace, continues towards Los Gallos hill, then towards La Iguana hill and ends at Calvillo town hall. Additionally, Internet access registry for state network users whose traffic passes this backbone is implemented, this is done by user names of GEA global domain linked to Websense content filter. The above facilitates generation and interpretation of Internet access reports at the time of decision making, thereby providing greater quality, monitoring and control of the service

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