Calcular la disponibilidad del sistema si tenemos dos réplicas de cada elemento (en total 3 elementos en cada subsistema).

Disponibilidades iniciales	
Component	Availability
Web	85%
Application	90%
Database	99.9%
DNS	98%
Firewall	85%
Switch	99%
Data Center	99.99%
ISP	95%

Con 2 elementos en cada subsistema	
Component	Availability
Web	97.75%
Application	99%
Database	99.9999%
DNS	99.96%
Firewall	97.75%
Switch	99.99%
Data Center	99.99%
ISP	99.75%

Web_3 = 97.75% + (1 - 97.75%) * 85% = 99.6625%
Aplication_3 = 99.00% + (1 - 99.00%) * 90% = 99.9%
Database_3 = 99.9999% + (1 - 99.9999%) * 99.9% = 99.9999999%
DNS_3 = 99.96% + (1 - 99.96%) * 98% = 99.9992%
Firewall_3 = 97.75% + (1 - 97.75%) * 85% = 99.6625%
Switch_3 = 99.99% + (1 - 99.99%) * 99% = 99.9999%
Data Center_3 = 99.99% + (1 - 99.99%) * 99.99% = 99.999999%
ISP_3 = 99.75% + (1 - 99.75%) * 95% = 99.9875%

Disponibilidad total 3 = 99.6625% * 99.9% * 99.9999999% * 99.9992% * 99.6625% * 99.9999% * 99.999999% * 99.9875% = 99.21%