

1Backup

CyberSecurity per la PMI

Data

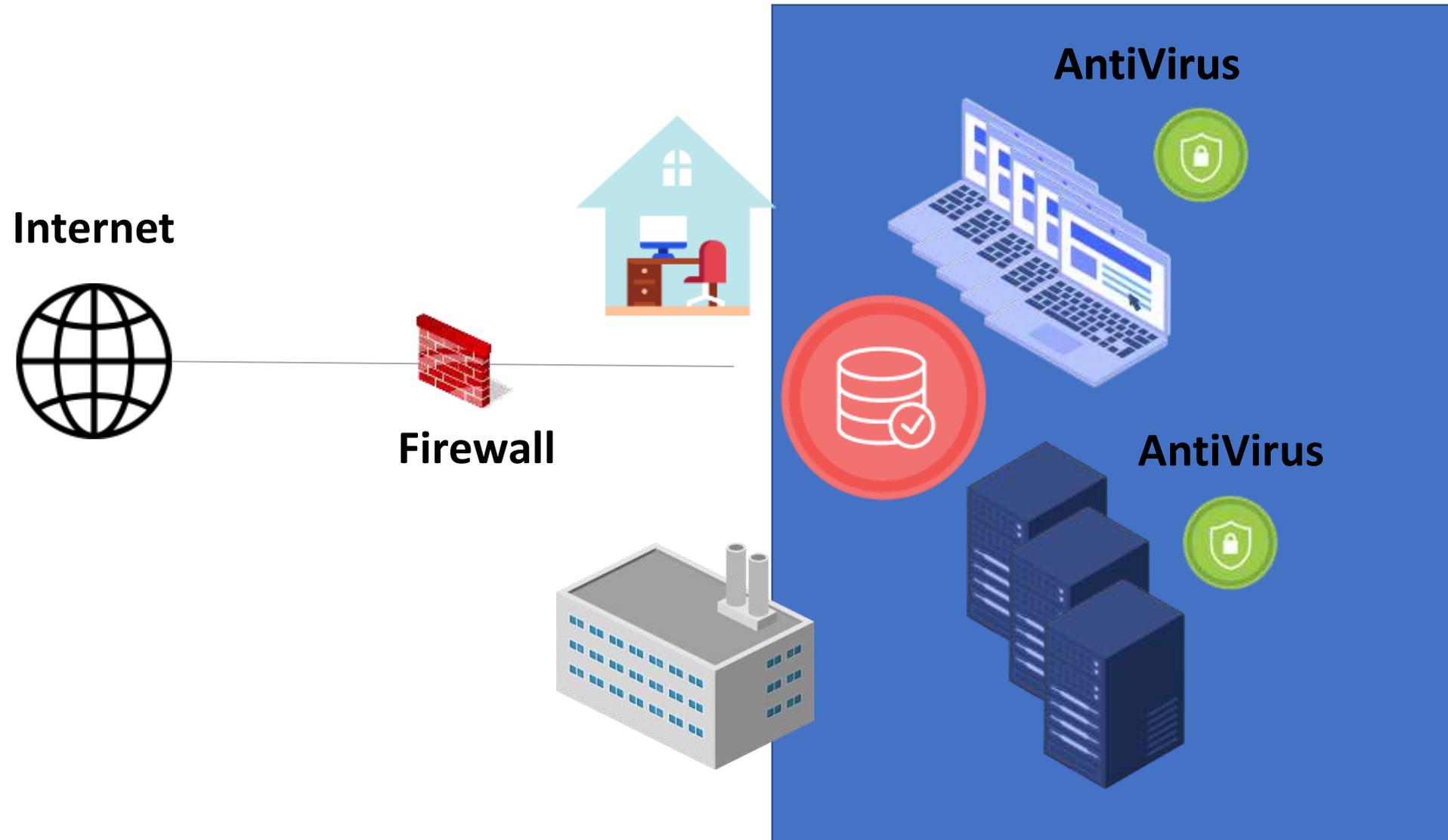
CoreTech

Nei prossimi 12 mesi pensi di

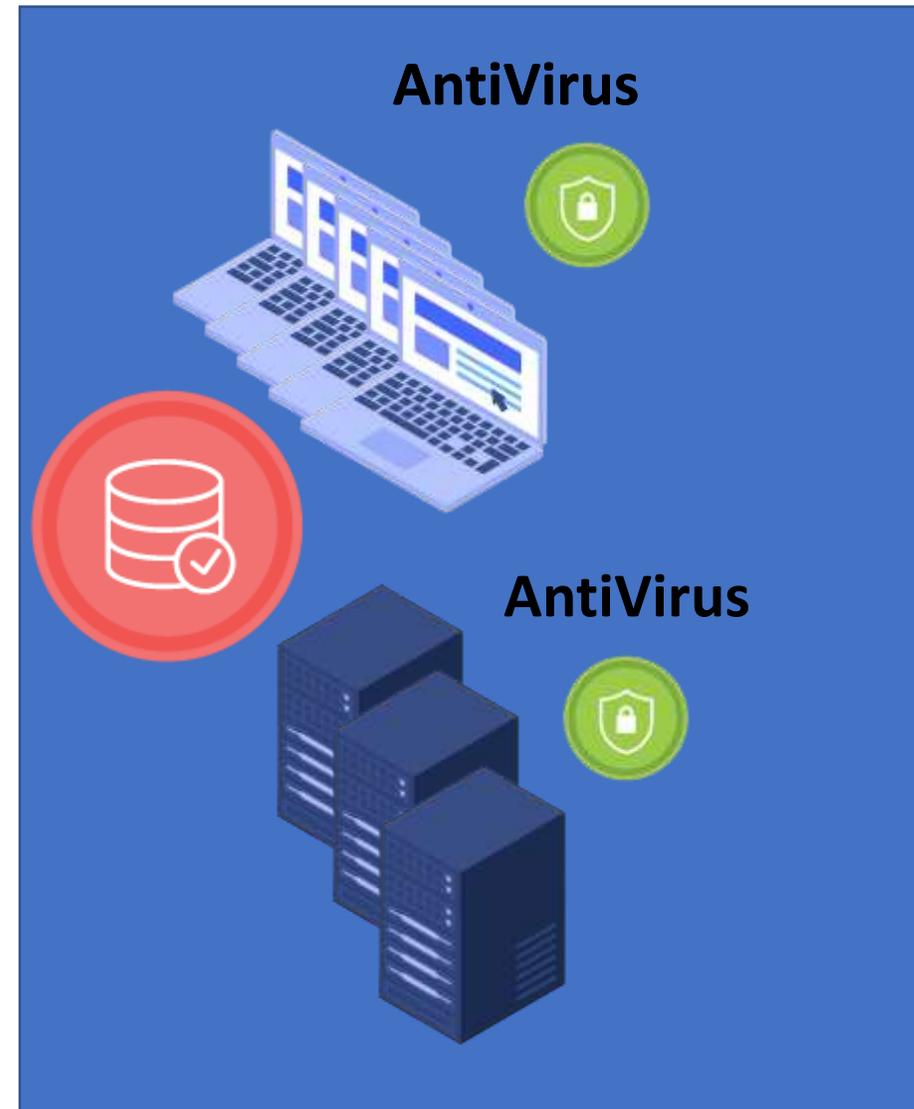
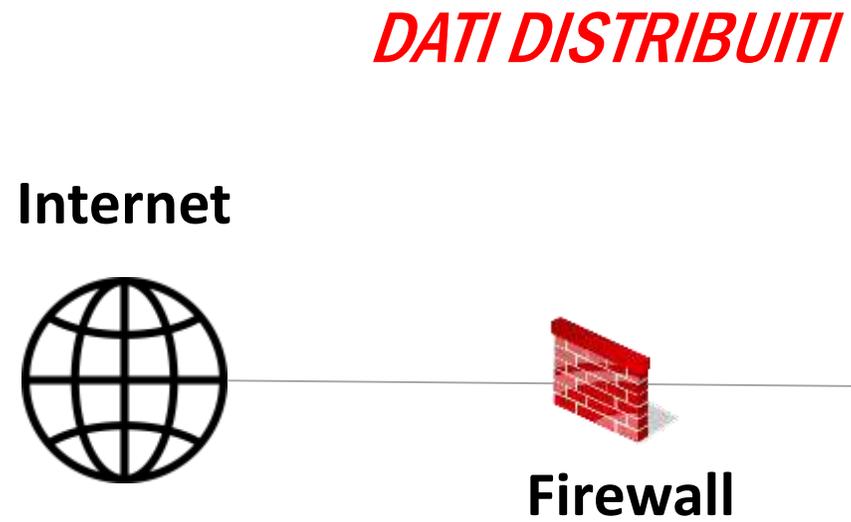
Essere immune da Attacco Informatico ?

Aumentare il Fatturato ?

Modello tradizionale di rete aziendale



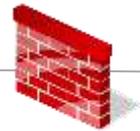
Modello distribuito del dato aziendale



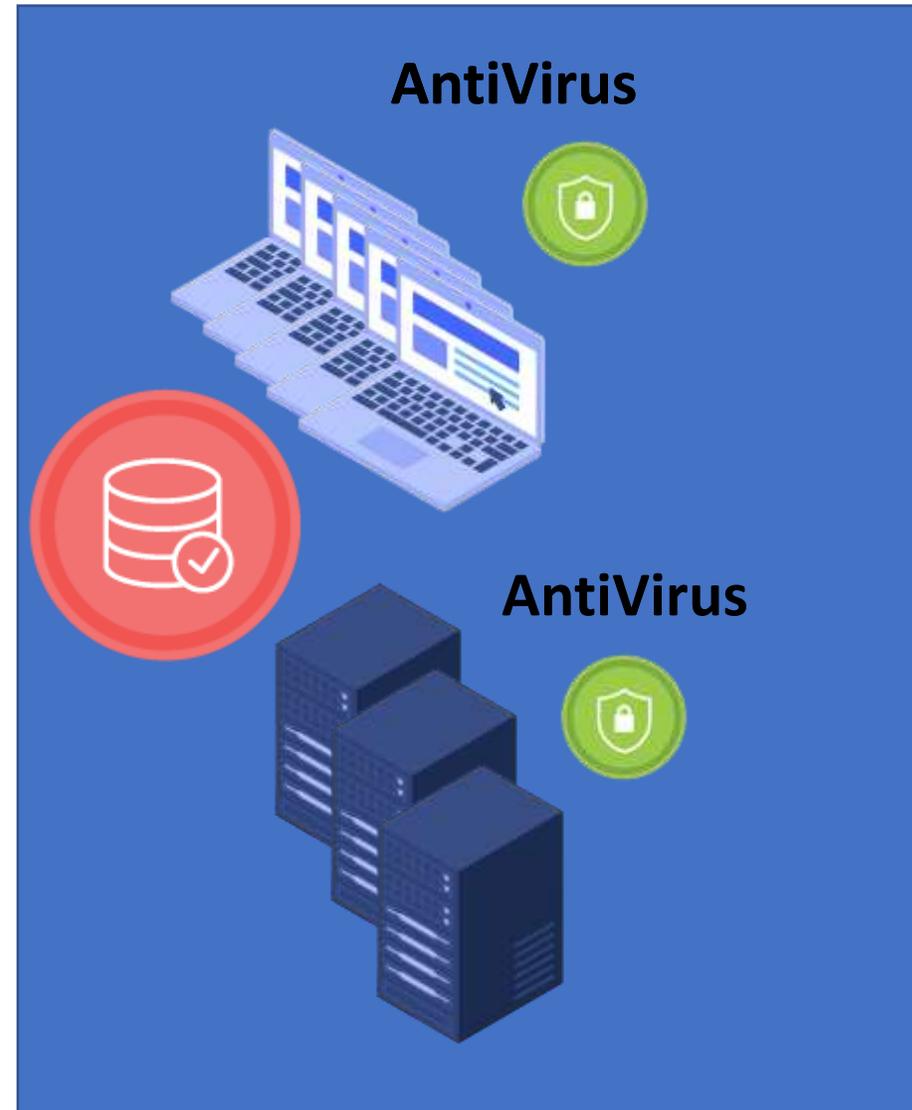
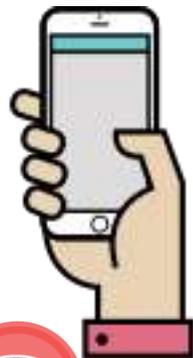
Modello distribuito del dato aziendale

DATI DISTRIBUITI

Internet

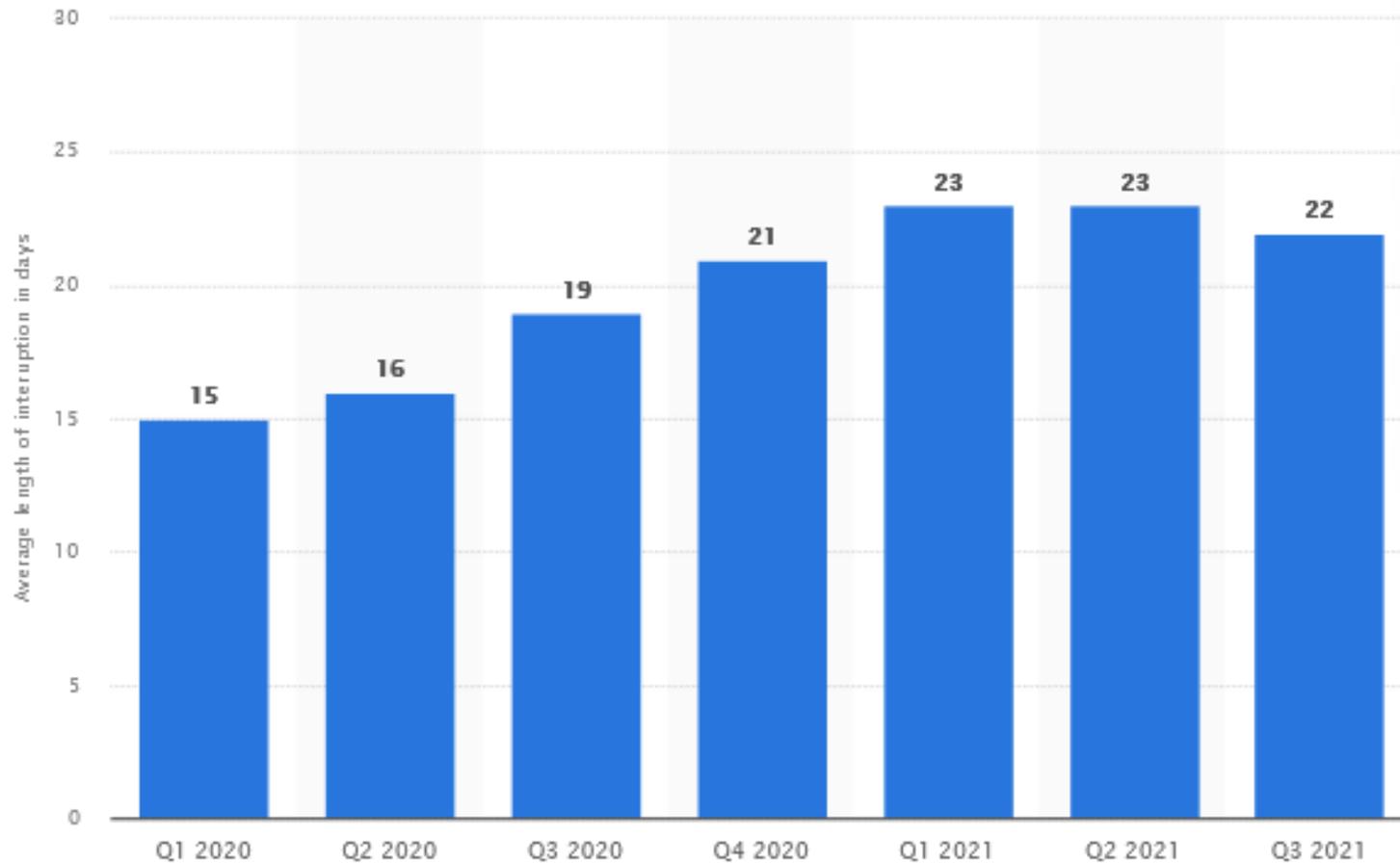


Firewall



**Gli attacchi informatici
stanno aumentando**

Durata media in giorni di downtime dopo un' attacco informatico



PERDITA DEL DATO

Perdita parziale

- Cancellazione involontaria dei dati
- Cancellazione da parte di ex-dipendenti di una parte dei dati

Cancellazione sistemica

- Cryptlocker
- Attacco hacker

Recupero dei dati

Controllo e restore dei Backup

Controllo dei backup

- Chi controlla che i backup sono stati programmati correttamente ?
- Chi controlla che i backup sono andati a buon fine ogni giorno ?

Verifica che i dati sono recuperabili

- Chi verifica che il dati del backup sono recuperabili ?

Scalabilità dei controlli

Jobs Timeline (107 result)

rows: 24 << < 1 of 5 > >>

Agent
All

Tag:

Date range:
01/07/21 - 31/07/21

Status
 Error
 Warning
 Success
 Not Finished

Checked
 All
 Checked
 Not Checked

Last 2 Days

Type
 Job Check
 Job Restore

All

Apply Filters

List	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
July 2021																															
Kerio_config	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Kerio_Storage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BackupSet-Mail	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Dati_Milano	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Dati_Roma																															
bck notebook	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
bck_continuo																															
default-backu...																															
test filtri																															
DATI_NAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
KC-Conf	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
KC-Store	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Dati	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Backup-CL2H...																															
Backup-core...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Backup-core...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Backup-cores...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
MySQL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Siti-CoreTech	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Kerio Config	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Store	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Kerio Config	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Kerio Store	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Kerio Config	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

cleaningservice 32.95% [13.18G / 40G] Host: 1

DATI_NAS 2021-07-21 (FILE)
 STOP SUCCESS (0 NEW, 0 UPDATE)

Working Time 01:50:35

Files

New	0 (0 B)
Update	0 (0 B)
Deleted	0 (0 B)
Moved	0 (0 B)
Copied	0 (0 B)

[LOG Detail](#)

Notes

No notes for this Job



Scalabilità dei controlli

Jobs Timeline (107 result)

rows: 24 | << < 1 of 5 > >>

Agent

Tag:

Date range:

Status

- Error
- Warning
- Success
- Not Finished

Checked

- All
- Checked
- Not Checked

Last 2 Days

Type

- Job Check
- Job Restore

[Apply Filters](#)

List	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
July 2021																															
Kerio_config	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Kerio_Storage	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
BackupSet-Mail	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Dati_Milano	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Dati_Roma																															
bck notebook	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
bck_continuo																															
default-backu...																															
test filtri																															
DATI_NAS	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
KC-Conf	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
KC-Store	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Dati	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Backup-CL2H...																															
Backup-core...	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Backup-core...	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Backup-cores...	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
MySQL	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Siti-CoreTech	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Kerio Config	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Store	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Kerio Config	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Kerio Store	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Kerio Config	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	

cleaningservice 32.95% [13.18G / 40G] Host: 1

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Working Time 01:50:35

Files

- New 0 (0 B)
- Update 0 (0 B)
- Deleted 0 (0 B)
- Moved 0 (0 B)
- Copied 0 (0 B)

[LOG Detail](#)

Notes

No notes for this Job



Timori

- La mia linea non e' performante
- Io ho molti dati
- Ci sono altri che posso leggere i miei dati

3 copie del dato



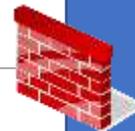
**CoreTech
DataCentre Italia**



**CoreTech
DataCentre UE**



Firewall

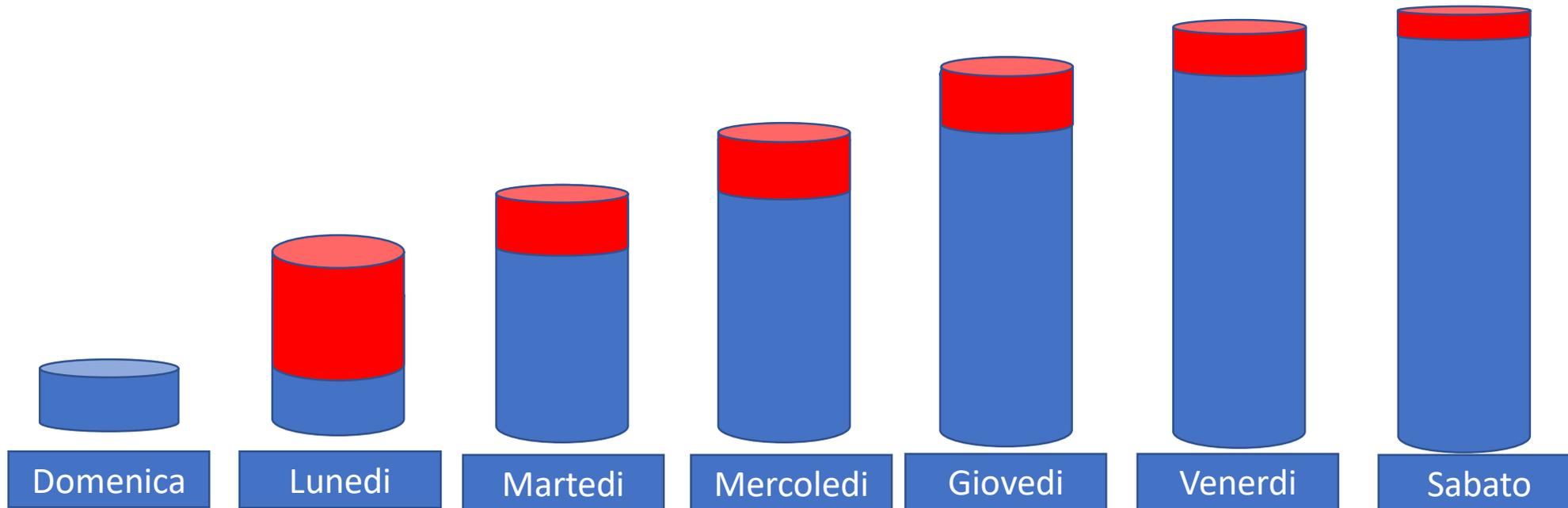


Trasferimento Incrementale



1Backup e' ottimizzato per il trasferimento dati che sono cambiati

- Il backup intero può iniziare durante il fine settimana
- Ma durante la settimana copia solo gli incrementi e le differenze



Retention



Esempio di 7 giorni di retention



Lunedì

Martedì

Mercoledì

Giovedì

Venerdì

Sabato

Domenica

Lunedì

Esempio di 7 giorni di retention

- Il backup giornaliero permette di avere la possibilità di avere fino a 7 copie
- Ma copia solo gli incrementi e le differenze durante la settimana



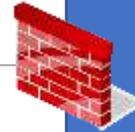
Dato Crittografato



**CoreTech
DataCentre Italia**



Firewall



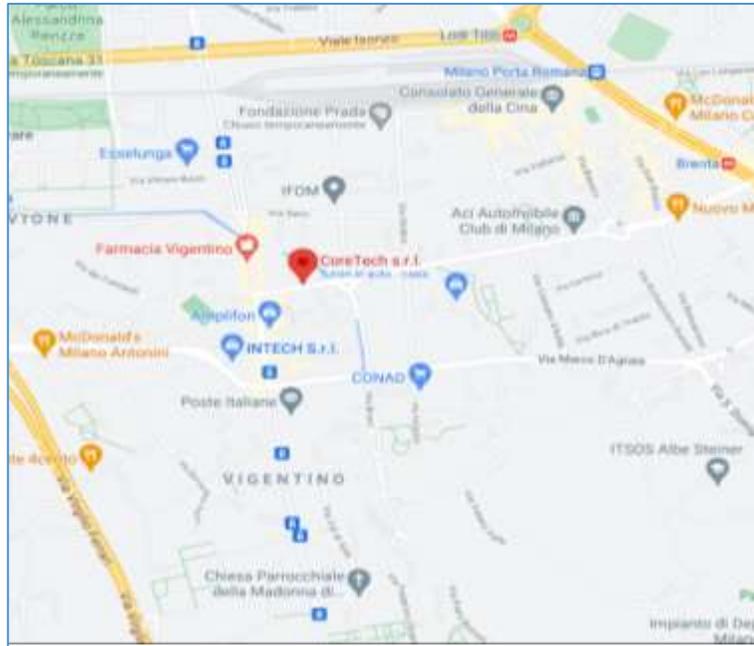
Server o NAS

Cosa chiedere a chi fornisce i servizi IT

- 1) Backup dati nel cloud e in azienda**
- 2) Controlli e verifiche dei backup**
- 3) Aiuto a fare la revisione di cosa copre il backup**

GRAZIE

CoreTech



Viale Ortles, 13 20139 MI

