

Bytes SQL & VIRTUAL INFRASTRUCTURE MODERNISATION

The SQL & Virtual Infrastructure Engagement is designed to provide your organisation with an end-to-end analysis and mapping of your server environment, taking into consideration current deployments of SQL & Windows server, its usage and licensing implications.

The problem

- It is difficult to get a clear picture of what's being used and what is licensed.
- IT projects are under pressure to scale rapidly to meet business demand, and be cost effective.
- Management are not aware or in sync with what IT are doing.

Benefits from SQL & Virtualisation Infrastructure Engagement

- Identify all SQL & Windows Server deployments in your organisation.
- Understand the infrastructure supporting SQL including virtualised infrastructures.
- Gain visibility of any resident financial risks.
- Gain visibility of any support risks.
- Identify key areas where infrastructure can be optimised to reduce financial risk and meet organisational goals.
- Understand whether introducing a dedicated developer infrastructure would address some of the risk.
- Identify gaps in governance process and agree how to address them.
- Reduce risks associated with non-compliance.
- Develop a roadmap for future evolution of the IT environment, based upon a clear understanding of the existing infrastructure and evaluation of cloud.

SQL & Virtual Infrastructure Engagement

Deployment Considerations

Are development and production environments isolated?



Is it time to move to Azure?

Consider Licensing Implications



What's the best model; via computing power or user/devices?

How does Virtualisation impact licensing



Is On-Premises or Cloud the best option?

Infrastructure, Platform or Software As A Service

How could a subscription model impact budgets?



Can potential gaps be resolved in the cloud?

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Adopt best practices and optimise your software investment:

Limit the number of CPUs and cores for increased cost savings.

Consolidate workload instances and databases onto fewer servers to reduce licensing costs.

Isolate production vs. development environments.

Consider moving to dedicated Host Clusters licensed via Enterprise for unlimited virtualization.

Strengthen policies, increase standardization and gain insight into company assets while improving internal licensing communication.

Establish a solid foundation for achieving future organizational objectives based upon a clear understanding of your SQL environment.

Discover

The current IT environment covering technical infrastructure, software products, services deployed/used and software and hardware assets owned. Information will also be gathered on the organisational structure, business processes and business objectives.

Assess

The current state of the organisation and IT environment will be assessed to determine any gaps or vulnerabilities, areas for improvement or new opportunities. These will be considered against best practice, business objectives as well as technology roadmaps and vendor data e.g. end-of-life analysis.

Envision

Including the key stakeholders in an envisioning Workshop we will capture and align business and IT goals and define what the future could look like. Providing a clear roadmap for the transition including costs, organisation, technology and software or hardware agreement changes.

Modernise

Bytes will work with you to deliver the technology, organisational, process and contract changes required. This may entail a period of piloting or proof-of-concept prior to embarking on a full modernisation programme.

Manage

Post modernisation, Bytes can undertake periodic reviews of the business, IT estate or software environment as well as help you manage the estate. This will ensure the business continues to achieve desired goals and that investments are being used to best effect.

To find out more about **Bytes SQL & Virtual Infrastructure Modernisation** contact us on:
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