

## 3- security and governance

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### Governance and Compliance

all your deployed resources meet **corporate standards** and **government regulatory requirements**.

- you can update all your deployed resources to new standards as standards change.
  - **Cloud-based auditing** helps flag any resource that's *out of compliance* with your corporate standards and provides **mitigation strategies**.
  - Depending on your **operating model**, **software patches** and *updates* may also automatically be applied, which helps with both governance and security.
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### Security

*If you want maximum control of security*

**infrastructure as a service (IaaS)** provides you with physical resources but lets you manage the operating systems and installed software, including patches and maintenance.

*If you want patches and maintenance taken care of automatically*

**platform as a service (PaaS)** or **software as a service (SaaS)** deployments may be the best cloud strategies for you.

And because the cloud is intended as an over-the-internet delivery of IT resources, cloud providers are typically well suited to handle things like **distributed denial of service (DDoS) attacks**, making your network more robust and secure.

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By establishing a good governance footprint early, you can keep your cloud footprint updated, secure, and well managed.