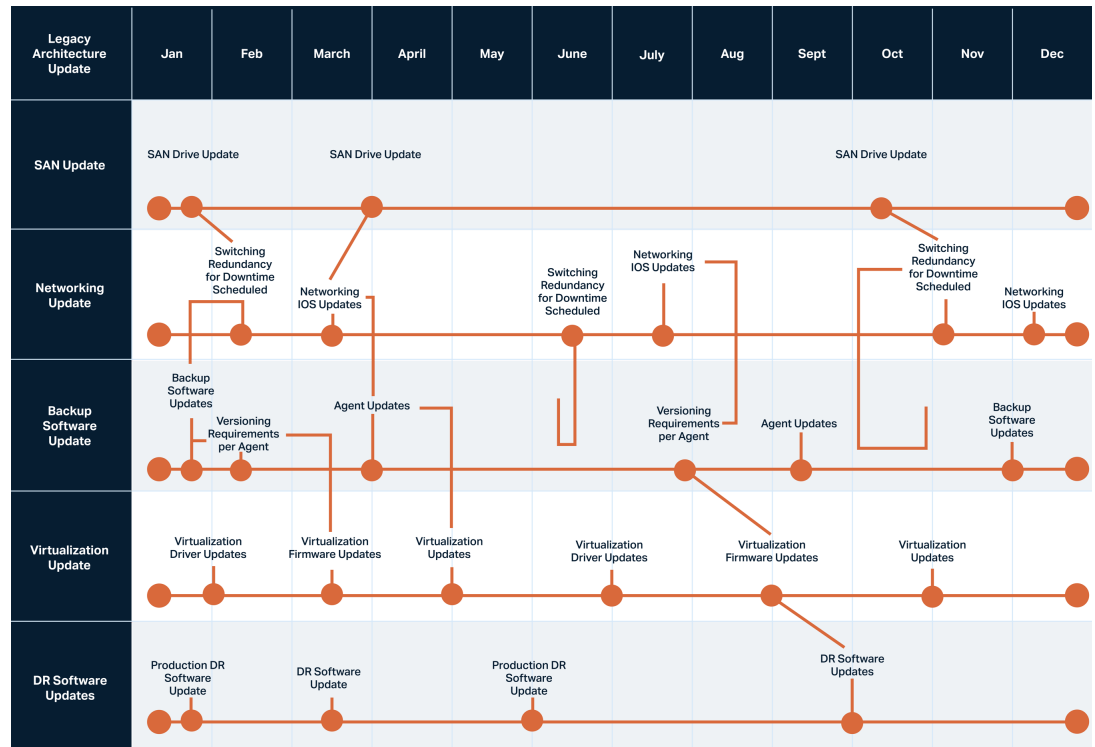


The benefits of proper patching are well understood. Yet, for good reason, patching often ends up as technical debt, left undone until some day in the future “when there is more time.”

## Patching Traditional Stacks

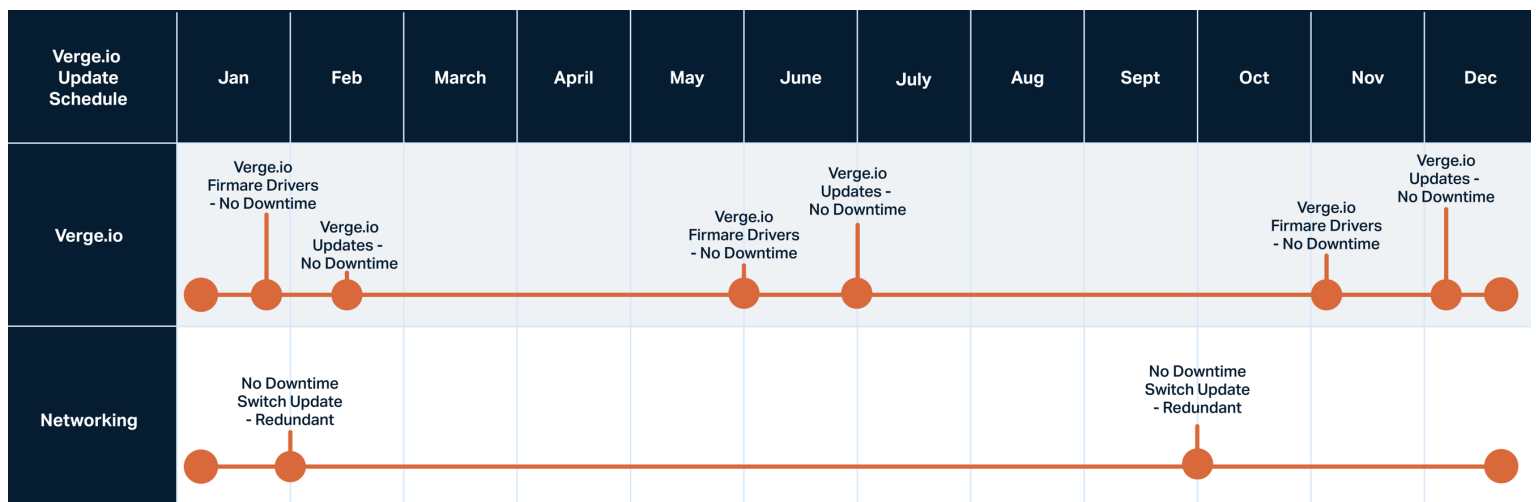
- ✗ Complex interactions between the many vendors’ patches
- ✗ No easy way to test patches in the lab
- ✗ Requires multiple specialists
- ✗ Difficult to roll-back when patching fails
- ✗ Often requires extended downtime



## Patching Verge.io

Verge.io is one piece of software that only has one patch for the entire stack. Patching is easier and safer so it's done more often increasing the security profile of your IT stack.

- ✓ Easy to rollback
- ✓ Can be done by generalist IT staff
- ✓ One single patch
- ✓ Automatic workload migration for zero-downtime patching
- ✓ Encrypted distribution assures safe patches



- ✓ Patches are crypto-verified for authenticity
- ✓ Avoid update server impersonation
- ✓ Prevent man-in-the-middle attacks
- ✓ No unauthorized patches

The diagram illustrates the flow of keys from External Monitoring to the Client Environment via the Verge.io Update Server. It is organized into three columns: External Monitoring, Verge.io Update Server, and Client Environment.

- External Monitoring:** Contains a stack of three documents, each with a blue key icon.
- Verge.io Update Server:** Contains a stack of three documents, each with an orange key icon.
- Client Environment:** Contains a stack of three documents, each with a blue key icon.

The flow is as follows:

- Keys from **External Monitoring** (blue keys) are sent to the **Verge.io Update Server** (orange keys).
- The **Verge.io Update Server** then sends keys to the **Client Environment** (blue keys).
- A red circle with a diagonal line through it is placed over the arrow connecting the **Verge.io Update Server** to the **Client Environment**, indicating a restriction or a specific action being taken.

- Deliver entire virtual data centers to the edge on minimum hardware with a single software license.
- Built-in resiliency and remote synchronization.
- Self-monitoring and self-healing data storage maximizes life of hardware.

- Launch a new cost-effective, powerful cloud offering in minutes.
- Provide compliant virtual data centers for customers workloads.
- Sell white-label or branded cloud through a reseller channel.
- Earn dramatically higher gross margins than public cloud or legacy providers can deliver.

- Return workloads to your premise while retaining the power of the cloud.
- Avoid the anxiety and surprise of the hyper-scalers unpredictable and complex billing.
- Assure adherence to compliance and security standards

- Host legacy applications
- Cloud hosting
- Replace legacy hardware
- Honey-pot for testing
- Test / Dev environments
- Migrations

There's nothing like seeing it to believe it.

[www.verge.io/test-drive](http://www.verge.io/test-drive)