

Scaling Roadmap (Frankfurt)

Previous	Dublin	Frankfurt	Gullin	Future
Manual Scale Out Auto Scale Out	Platform <ul style="list-style-type: none">- Focus on hardening closed loop process- Auto Scaling<ul style="list-style-type: none">- Eliminate "Dummy VF_Module" req't- Automated Instantiation Parameters	Scale In <ul style="list-style-type: none">- ConfigScaleIn (APPC)- Pre and Post actions (APPC) Platform <ul style="list-style-type: none">- Auto VNF Configuration- Ansible Support for configuration- Scaling by multiple instances- Homing and Capacity Chec	Scaling Features <ul style="list-style-type: none">- Manual and Auto Scale In Platform <ul style="list-style-type: none">- Integration with Scheduler- Scale by multiple instances- Robust Healthcheck- Support of complex configuration	Scaling Features <ul style="list-style-type: none">- Scaling at a VNF Level- Geographic Scaling- Vertical Scaling Platform <ul style="list-style-type: none">- Arch. Approved Controller Lookup- TOSCA Based VNFs- K8s based VNFs- VNF Locking Strategy- VFC based VNFs

Backlog

Scaling Features

- Scale In Capability
- Scaling at a VNF Level
- Geographic Scaling
- Vertical Scaling

Supporting Platform Features

- Ability to add new policy types in a Self Service manner (no need for development to add additional policy types)
- Architecture supported VNF Locking Mechanism Strategy
- Use CDS to automatically configure VNFs after Scale Out
- Homing and Capacity Checks
- Architecture approved Controller Type Lookup
- Support of TOSCA-Based VNFs
- Support of K8s based VNFs
- Support for VFC based VNFs