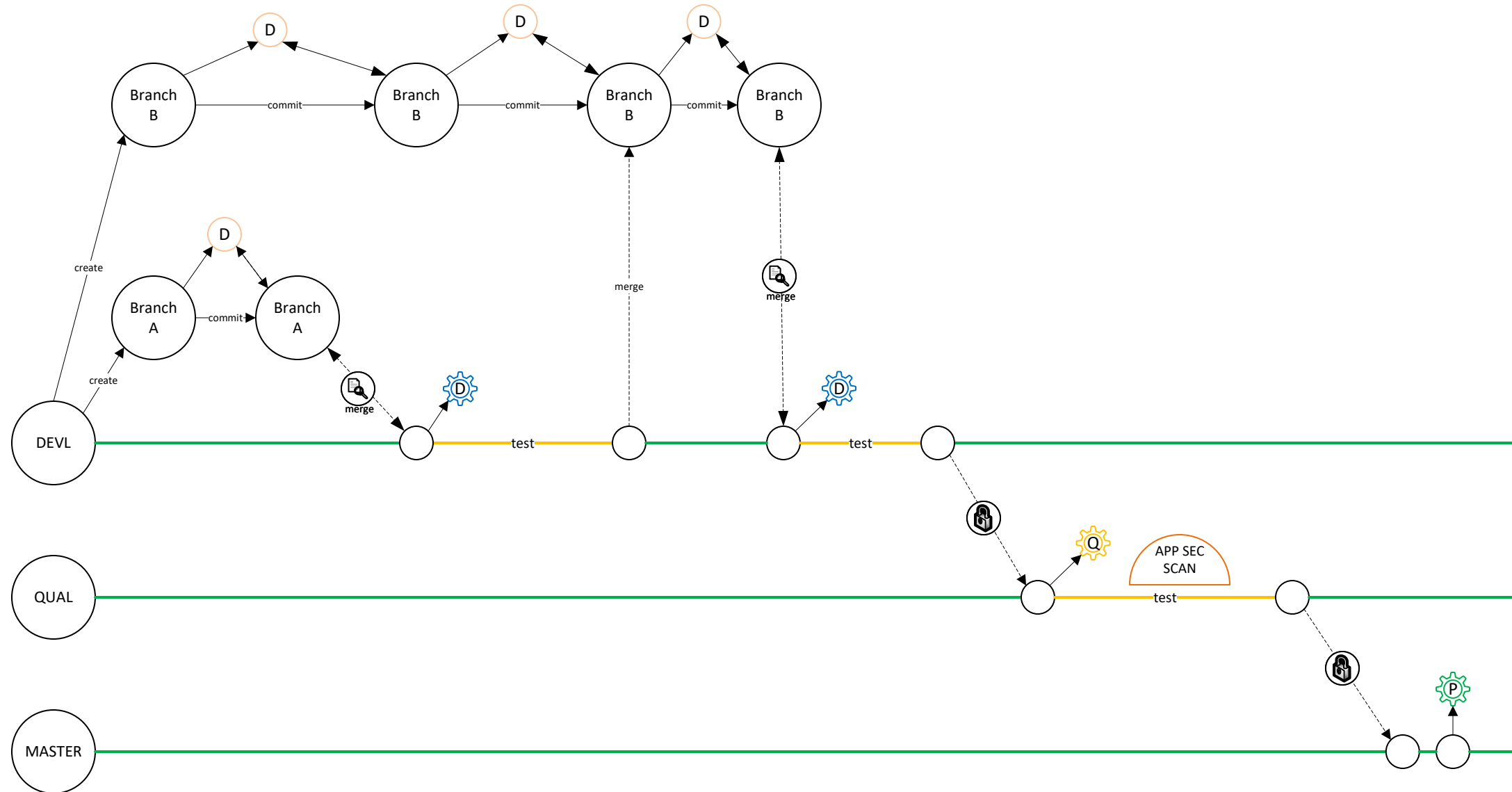# IDHW GIT Default Branching Behavior (Default)

Legend:

D Cloned to Developers box	**Gated Pull Request** Merge and Code Review	**Gated Pull Request** Merge and No Code Review
D Auto Deploy to DEVL	**Q** Auto Deploy to QUAL	**P** Manual Deploy to PROD
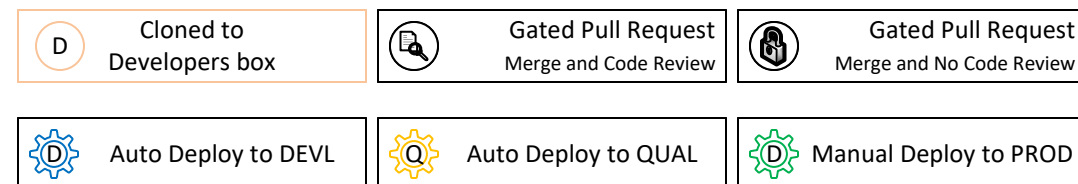
IDHW GIT Default Branching Behavior (External Non-Prod)
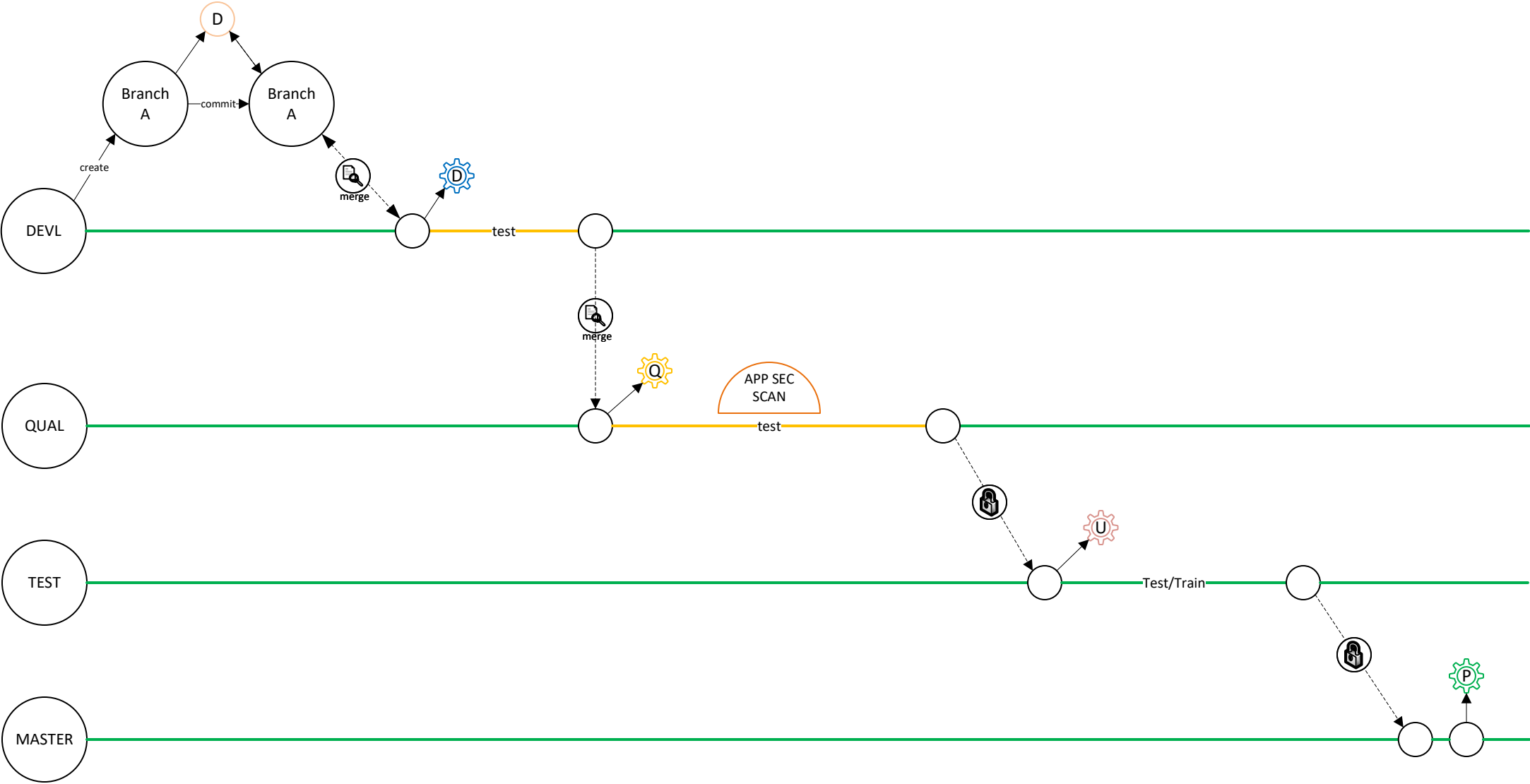
D Cloned to Developers box	**Gated Pull Request** Merge and Code Review	**Gated Pull Request** Merge and No Code Review

D Auto Deploy to DEVL	**Q** Auto Deploy to QUAL	**D** Auto Deploy to TEST	**D** Manual Deploy to PROD

IDHW GIT Hotfix Branching Behavior

(No changes in QUAL branch)
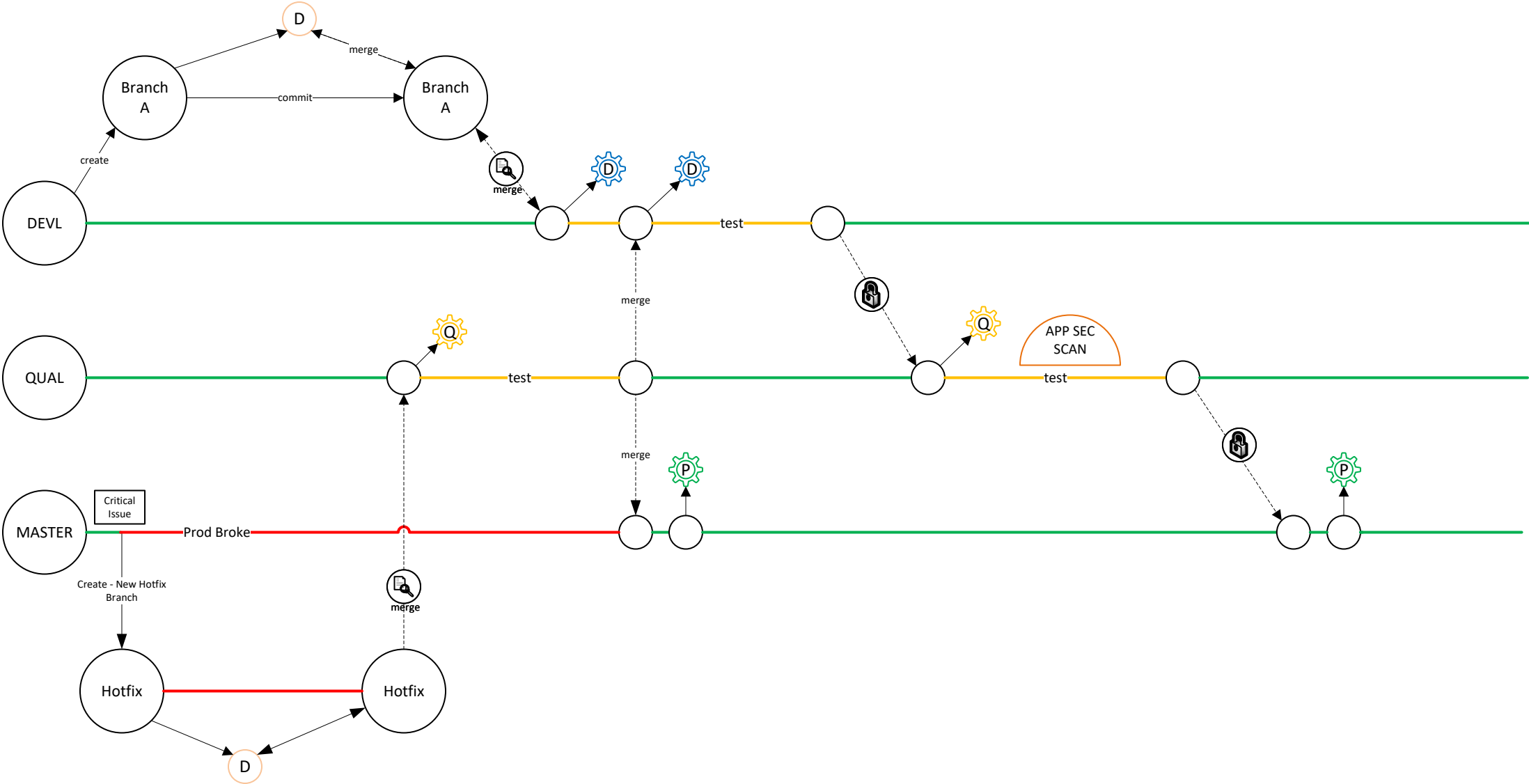
DEVL

Branch A —create→ Branch A —commit→ Branch A
D —merge
merge
D (Auto Deploy to DEVL)
D (Auto Deploy to DEVL)
test

QUAL

Q (Auto Deploy to QUAL)
test
merge
Q (Auto Deploy to QUAL)
APP SEC SCAN
test

MASTER

Critical Issue
Prod Broke
Create - New Hotfix Branch
merge
merge
P (Manual Deploy to PROD)
P (Manual Deploy to PROD)

Hotfix —— Hotfix
D
merge

NOTE: If an environment has a staging/ uat environment, that will be utilized for hot fixes

Legend:

D	Cloned to Developers box	(gated icon)	Gated Pull Request — Merge and Code Review	(gated icon) Gated Pull Request — Merge and No Code Review
D	Auto Deploy to DEVL	Q	Auto Deploy to QUAL	D Manual Deploy to PROD

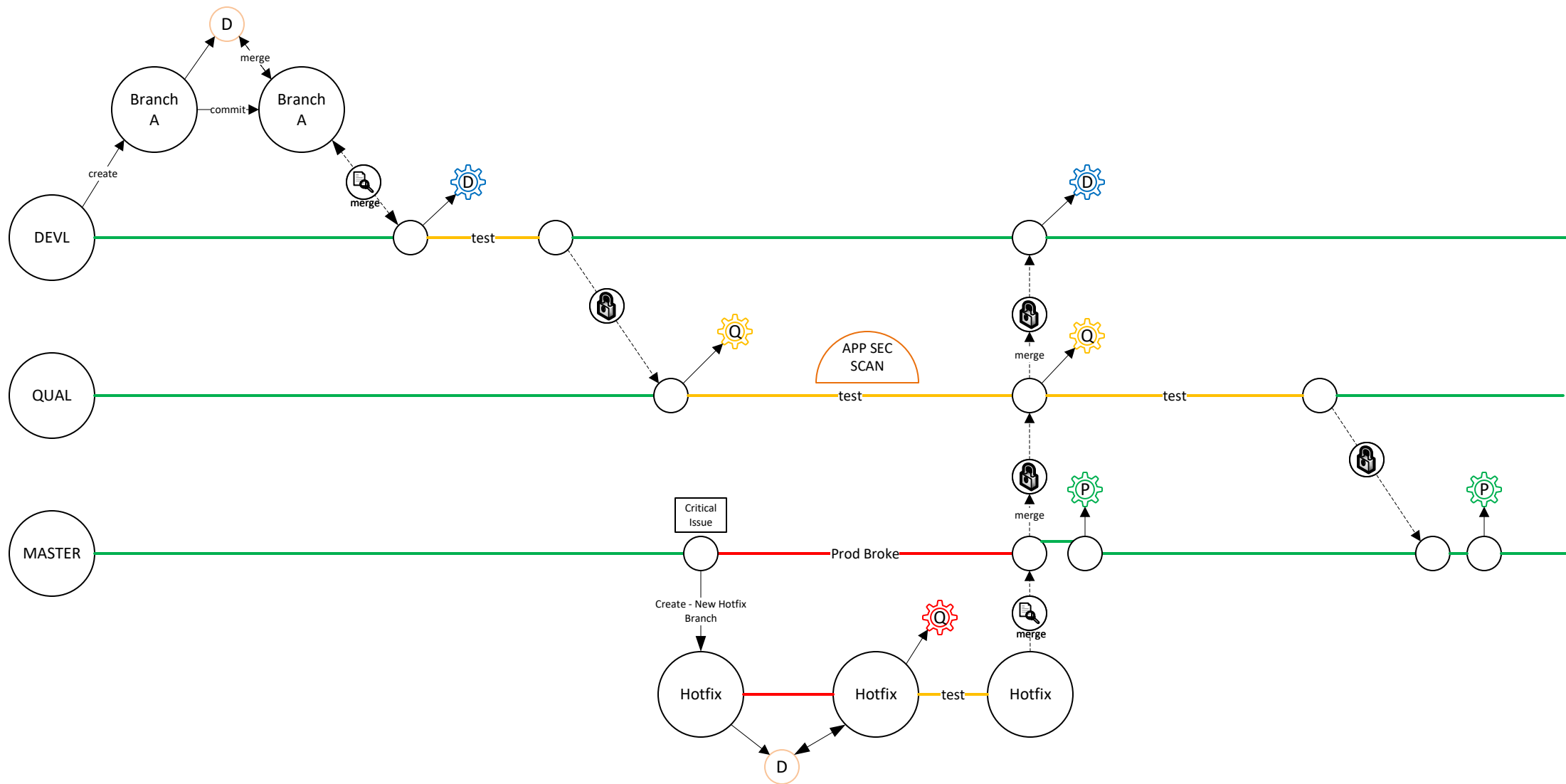# IDHW GIT Hotfix Branching Behavior

(Changes in QUAL branch – Should be very rare)

NOTE: If an environment has a staging/ uat environment, that will be utilized for hot fixes

Legend:

Symbol	Description
D	Cloned to Developers box
(Gated PR icon)	Gated Pull Request — Merge and Code Review
(Gated PR lock icon)	Gated Pull Request — Merge and No Code Review
D (gear)	Auto Deploy to DEVL
Q (gear)	Auto Deploy to QUAL
P (gear)	Manual Deploy to PROD
Q (red gear)	Manual Hotfix Deploy to QUAL