Study	Type	Content	Lang	Venue	Link
[S1]	Doc	Def	-	Microsoft	https://learn.microsoft.com/en-us/devops/deliver/what-is-infrastructure-as-code
[S2]	Blog	Def/Features	-	Thorntech	https://www.thorntech.com/2018/04/15-infrastructure -as-code-tools/
[S3]	Blog	Def/Features	-	TechTarget	https://searchitoperations.techtarget.com/definition/Infrastructure-as-Code-IAC
[S4]	Blog	Def/Feature Advantage/Challenges	-	ThoughtWorks	https://www.thoughtworks.com/insights/blog/infrastructure-code-reason-smile
[S5]	Tutorial	Feature/Advantage	Ansible	Hacker Noon	https://medium.com/hackernoon/infrastructure-as-code-tutorial-e0353b530527
[S6]	Blog	Def/Advantage/Best Bad/Features	-	BMC Software	https://www.bmc.com/blogs/infrastructure-as-code/
[S7]	Article	Def/Best Features	-	TechBeacon	https://techbeacon.com/enterprise-it/infrastructure-code-engine-heart-devops
[S8]	Blog	Def/Features Challenges	-	CloudBees	https://www.cloudbees.com/blog/infrastructure-as-code/
[S9]	Article	Best	-	DZone	https://dzone.com/articles/idempotence-not-just-a-big-and-scary-word
[S10]	Blog	Def/Features	-	IBM	https://www.ibm.com/cloud/blog/chef-ansible-puppet-terraform
[S11]	Blog	Features/ Advantage	-	IBM	https://www.ibm.com/cloud/blog/infrastructure-as-code
[S12]	Blog	Blog Def/Features/Advantage Best/Challenges	-	Rackspace	https://www.rackspace.com/node/21144
[S13]	Blog	Def/Features Best	-	Qualibrate	https://qualibrate.com/blog/devops/infrastructure -as-code/
[S14]	Blog	Def/Best/Advantageantage Features	-	IbexLabs	https://www.ibexlabs.com/leverage-iac-with-dev ops-best-practices/
[S15]	Blog	Def/Advantage	-	Red Badger	https://blog.red-badger.com/2018/7/23/whats-inf rastructure-as-code-iac
[S16]	Blog	Def/Advantage	-	Thorntech	https://www.thorntech.com/2018/01/infrastructur eascodebenefits/
[S17]	Blog	Best/Chall enges	Puppet	Puppet	https://puppet.com/blog/hitchhikers-guide-to-test ing-infrastructure-as-and-code/
[S18]	Blog	Best/Features Def/Challenges	-	OVO Energy	https://tech.ovoenergy.com/complexity-in-infrastructu re-as-code/
[S19]	Article	Best/Advantage Features	-	Medium	https://medium.com/tile-engineering/infrastructure-as -code-at-tile-da0be83682a2
[S20]	Blog	Best/Def Challenges	Puppet 2018	ServerlessOps	https://www.serverlessops.io/blog/serverless-ops-infr astructure-as-code-with-aws-serverless
[S21]	Blog	Def/Challenges	-	The New Stack	https://thenewstack.io/new-security-challenges with-infrastructure-as-code-and-immutable-infra structure/
[S22]	Blog	Best/Feat ure	-	Thorn Technologies	https://www.thorntech.com/2018/02/infrastructure-as code-best-practices/
[S23]	Article	Def/Advantage	-	Medium	https://medium.com/faun/devops-automation-an d-iac-c007c3c0d172
[S24]	Blog	Def/Features/Advantage	-	Risk Focus	https://www.linkedin.com/pulse/infrastructure-co de-driving-software-delivery-oded-nahum
[S25]	Blog	Def/Features Advantage	-	Tasktop Technologies	https://www.tasktop.com/blog/software-defined-it-aut omation-using-infrastructure-as-code/
[S26]	Blog	Def/Feature/Best Advantage/Chall enges	-	Network Computing	https://www.networkcomputing.com/networking/i ntroduction-infrastructure-code
[S27]	Blog	Best	-	OpenCredo	https://opencredo.com/blogs/self-testing-infrastructur e-as-code/
[S28]	Slides	Def/Bad/Best	-	SlideShare	https://www.slideshare.net/aestasit/patterns-for-infra structureascode
[S29]	Article	Bad	-	DZone	https://dzone.com/articles/eleven-continuous-deliver y-anti-patterns
[S30]	Blog	Best/Bad	-	Hacker Noon	https://hackernoon.com/configuration-management-i s-an-antipattern-e677e34be64c#.pjuxtl98h
[S31]	Blog	Bad/Best	-	Qualysoft	https://www.qualysoft.com/en/blog/introduction-part 1-cicd-antipatterns
[S32]	Blog	Features/ Def Best	-	Pythian Group	https://blog.pythian.com/look-current-infrastructure-c ode-trends/
[S33]	Slides	Bad	Puppet 2017	GitHub	https://github.com/beezly/puppet-antipatterns-presen tation
[S34]	Blog	Bad	Puppet 2016	pysysops	https://www.pysysops.com/2016/11/10/1123-Puppet Anti-Patterns.html
[S35]	Blog	Best	Puppet 2016	blog.danzil.io	http://blog.danzil.io/2016/05/20/puppet-design-patter ns-factory.html
[S36]	Blog	Best	Puppet 2014	garylarizza	http://garylarizza.com/blog/2014/02/17/puppet-workfl ow-part-1/
[S37]	Slides	Best/Bad	Puppet 2016	SlideShare	https://www.slideshare.net/DavidDanzilio/puppet-des ign-patterns
[S38]	Doc	Best/Bad	Puppet 2018	GitHub	https://github.com/puppetlabs/best-practices
[S39]	Slides		Puppet 2016	SlideShare	https://www.slideshare.net/PuppetLabs/puppetconf-2 016-puppet-best-practices-roles-profiles-gary-larizza -puppet
[S40]	Blog	Best	Chef	Chef	https://blog.chef.io/chef-101-the-road-to-best-practic es/
[S41]	Doc	Best/Bad Best/Bad	Chef	GitHub	https://github.com/pulseenergy/chef-style-guide
[S42]	Blog	Best/Bad	Chef	LinkedIn	
[S44]	Blog	Best	Chef	Ragnarson	https://blog.ragnarson.com/2015/06/01/chef-best-pra ctices.html
[S45]	Article	Best/Chall enges	Chef	Medium	https://medium.com/slalom-technology/testing-your-c hef-code-its-all-about-confidence-fd4b9d969a7e
[S46]	Doc	Best	Ansible	Ansible	https://docs.ansible.com/ansible/2.8/user_guide/play books_best_practices.html
[S47]	Blog	Bad	Ansible	GitHub	https://leucos.github.io/ansible-files-layout
[S48]	Blog	Best/Features	Ansible	Ansible	https://www.ansible.com/blog/ansible-best-practices essentials
[S49]	Blog	Best	Ansible	New Relic Software	https://blog.newrelic.com/engineering/ansible-best-pr actices-guide/
[S50]	Slides	Best/Bad	Ansible	SlideShare	https://www.slideshare.net/jtyr/best-practices-for-ansi ble-roles-development
[S51]	Blog	Best/Bad	Ansible	T-Systems	https://blog.t-systems-mms.com/tech-insights/ansible -best-practices
[S52]	Blog	Best	Ansible	Wordpress	https://mydbops.wordpress.com/2018/04/07/ansible best-practices/
[S53]	Tutorial	Best	Ansible	GitHub	https://github.com/enginyoyen/ansible-best-practises
[S54]	Blog	Best/Features	Ansible	juliosblog	https://juliosblog.com/ansible-and-ansible-tower-best -practices-from-the-field/
[S55]	Article	Best	Ansible	InfinityPP.com	https://www.infinitypp.com/ansible/best-practices/
[S56]	Blog	Best	Ansible	OzNetNerd	https://oznetnerd.com/2017/04/09/anatomy-ansible-p laybook/

ID	Type	Category	Tool	Source	URL
[S57]	Blog	Best/Bad Best/Bad		Andreas Sommer Puppet	https://andidog.de/blog/2017-04-24-ansible-best-pra ctices
[S58]	Blog	Advantage/Best			https://puppet.com/blog/hiera-data-and-puppet-code your-path-right-data-decisions/
[S59]	Blog	Features	Ansible	DevOps	https://devops.com/dark-side-infrastructure-code/
[S60]	Slides	Def/Feature Challenges/Best	-	OWASP	https://owasp.org/www-pdf-archive/8-Secure_infrastr ucture_as_code_-_How_I_built_w3af.org_-_v0.4.pdf
[S61]	Blog	Best/Features	Puppet	DevOps	https://devops.com/puppet-best-practices/
[S62]	Blog	Best	Puppet 2013	Radiant3 Productions	http://blog.radiant3.ca/2013/09/17/a-few-puppet-Best-practices/
[S63]	Blog	Best/Bad	Chef	Chef	https://github.com/chef/community-summits/wiki/Sea ttle2015-Emerging-Anti-Patterns
[S64]	Blog	Best	Puppet 2013	glennposton.com	http://www.glennposton.com/posts/puppet_best_prac tices__environment_specific_configs
[S65]	Blog	Bad	Ansible	Oteemo	https://oteemo.com/organizing-ansible/
[S66]	Doc	Best/Bad	Chef	Chef.io	https://docs.chef.io/ruby/#patterns-to-follow
[S67]	Doc	Best/Bad	Puppet 2019	Puppet.com	https://puppet.com/docs/puppet/7.4/style_guide.html
[S68]	Blog	Def/Features	-	Thorntech	https://thorntech.com/infrastructureascodebenefits/
[S69]	Blog	Def/Features	-	Thorntech	https://thorntech.com/infrastructure-as-code-best-practices/
[S70]	Blog	Def/Features	-	TechTarget	https://www.techtarget.com/searchitoperations/news/252515825/Perforce-acquires-Puppet-for-infrastructure-as-code
[S71]	Blog	Def/Features	-	TechTarget	https://www.techtarget.com/searchitoperations/feature/6-tips-to-drive-infrastructure-as-code-best-practices
[S72]	Blog	Def/Features	-	TechTarget	https://www.techtarget.com/searchsoftwarequality/tip/Use-Docker-for-testing-to-get-more-done-in-less-time
[S73]	Blog	Def/Features	-	TechTarget	https://www.techtarget.com/searchitoperations/tip/Apply-policy-as-code-best-practices-to-reap-benefits
[S74]	Blog	Def/Features		ComputerWeekly	https://www.computerweekly.com/blog/CW-Developer-Network/Infrastructure-as-Code-series-Druva-A-clear-path-to-the-virtualised-app-stack?_gl=1*iirhhf*_ga*NDUyMzMwNzM4LjE2NzM0NzQ2NTI.*_ga_TQKE4GS5P9*MTY3MzQ3NDY1MS4xLjEuMTY3MzQ3NTE2Ni4wLjAuMA..&_ga=2.154970232.1544952544.1673474652-452330738.1673474652
[S75]	Blog	Def/Features		ComputerWeekly	https://www.computerweekly.com/news/252528146/Need-emerges-for-sustainable-network-infrastructure-transformation?_gl=1*1nvoyct*_ga*NDUyMzMwNzM4LjE2NzM0NzQ2NTI.*_ga_TQKE4GS5P9*MTY3MzQ3NDY1MS4xLjEuMTY3MzQ3NDY5MS4wLjAuMA..&_ga=2.245768644.1544952544.1673474652-452330738.1673474652
[S76]	Blog	Def/Advantage/Best Bad/Features	-	BMC Software	https://www.bmc.com/blogs/software-defined-infrastructure/
[S77]	Blog	Def/Advantage/Best Bad/Features	-	BMC Software	https://www.bmc.com/blogs/idempotence/
[S78]	Article	Def/Best Features	-	TechBeacon	https://techbeacon.com/enterprise-it/learning-devops-automated-setup-cloud-vm-provisioning-ansible
[S79]	Article	Def/Best Features	-	TechBeacon	https://techbeacon.com/enterprise-it/3-principles-infrastructure-code-what-every-manager-should-know
[S80]	Article	Def/Best Features	-	TechBeacon	https://techbeacon.com/enterprise-it/7-things-developers-should-know-about-production-infrastructure
[S81]	Blog	Def/Features Challenges	-	CloudBees	https://rollout.io/blog/infrastructure-as-code/
[S82]	Article	Best	-	DZone	https://dzone.com/articles/anticipating-your-business-problem-with-infrastruc
[S83]	Blog	Features/ Advantage	-	IBM	https://cloud.ibm.com/docs/schematics?topic=schematics-schematics-open-projects&mhsrc=ibmsearch_a&mhq=ansible+puppet+chef
[S84]	Blog	Features/ Advantage	-	IBM	https://cloud.ibm.com/docs/schematics?topic=schematics-infrastructure-as-code&mhsrc=ibmsearch_a&mhq=infrastructure+as+code
[S85]	Blog, Doc	Def/Features/Repeatability	Ansible	Snyk IaC	Infrastructure as Code Security - Snyk IaC
[S87]	Article	Def/Features/Repeatability	Ansible	Microsoft	https://learn.microsoft.com/en-us/azure/well-architected/devops/automation-infrastructure
[S88]	Blog, Doc	Def/Features/Repeatability	Ansible	Google	Want repeatable scale? Adopt infrastructure as code on GCP	Google Cloud Blog
[S89]	Blog, Doc	Def/Features/Repeatability	Ansible	Oreilly	1. Challenges and Principles - Infrastructure as Code [Book]
[S90]	Blog, Doc	Def/Features/Repeatability	Ansible	TFiR	https://tfir.io/importance-of-repeatability-in-iac-scaling-infrastructure-as-code/#:~:text=The%20concept%20of%20repeatability%20for,infrastructure%2C%20and%20components%20are%20different.
[S91]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	riseup	https://riseup.net/en/security/message-security/openpgp/gpg-best-practices
[S92]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	security exchange	https://security.stackexchange.com/questions/31594/what-is-a-good-general-purpose-gnupg-key-setup
[S93]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	dashsdk	https://www.dashsdk.com/resource/best-practices-for-infrastructure-as-code-iac/
[S94]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	cycode	https://cycode.com/blog/8-best-practices-for-securing-infrastructure-as-code/
[S95]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	LinkedIn	https://www.linkedin.com/pulse/iac-security-best-practices-prasad-eluri-/?trk=articles_directory
[S95]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	gitlab	https://docs.gitlab.com/ee/user/project/repository/gpg_signed_commits/
[S96]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	ROS Discourse	https://discourse.ros.org/t/ros-gpg-key-expiration-incident/20669
[S97]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	gitHub	https://github.com/isaacs/github/issues/1099
[S98]	Blog, Doc	Def/Features/GPG error avoidance	Ansible	CONTINO	https://www.contino.io/insights/infrastructure-as-code
[S99]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	snyk.io	https://snyk.io/learn/infrastructure-as-code-iac/

[S100]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	medium	https://medium.com/geekculture/managing-infra-with-terraform-275968590fa4
[S101]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	gitlab	https://docs.gitlab.com/ee/topics/autodevops/upgrading_auto_deploy_dependencies.html
[S102]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	medium	https://medium.com/@arturkulig/stop-using-peerdependencies-e4b55755bd16
[S103]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	Google books	https://books.google.ca/books?id=1-J9EAAAQBAJ&pg=PA292&lpg=PA292&dq=how+to+avoid+dependencies+version+mismatch+in+IaC&source=bl&ots=ub2MfJnZFY&sig=ACfU3U2azHiRGkW_tMDJPATf6f4DFwD6sQ&hl=en&sa=X&ved=2ahUKEwjP-v3l48D8AhWlGlkFHdG8AcIQ6AF6BAgsEAM#v=onepage&q=how%20to%20avoid%20dependencies%20version%20mismatch%20in%20IaC&f=false
[S104]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	AWS	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/best-practices.html
[S105]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	gitHub	https://github.com/autofac/Autofac/issues/1293
[S106]	Blog, Doc	Def/Features/Dependency version mismatch	Ansible	Microsoft	https://learn.microsoft.com/en-us/azure/developer/java/sdk/troubleshooting-dependency-version-conflict
[S107]	Blog, Doc	Def/Features/Compatible dependency versions	Ansible	gitlab	https://docs.gitlab.com/ee/user/application_security/iac_scanning/
[S108]	Blog, Doc	Def/Features/Compatible dependency versions	Ansible	bluelight	https://bluelight.co/blog/best-infrastructure-as-code-tools
[S109]	Blog, Doc	Def/Features/Compatible dependency versions	Ansible	novaordis	https://kb.novaordis.com/index.php/Infrastructure_as_Code_Concepts
[S110]	Blog, Doc	Def/Features/Compatible dependency versions	Ansible	GEEKFLARE	https://geekflare.com/infrastructure-as-code-vs-configuration-management/
[S111]	Blog, Doc	Def/Features/Compatible dependency versions	Ansible	Wahl Network	https://wahlnetwork.com/2020/07/21/dependency-pinning-with-infrastructure-as-code/
[S112]	Blog, Doc	Def/Features/Idempotency	Ansible	springer	https://link.springer.com/chapter/10.1007/978-3-642-45065-5_19
[S113]	Blog, Doc	Def/Features/Idempotency	Ansible	medium	https://medium.com/4th-coffee/on-devops-8-infrastructure-as-code-introduction-best-practices-and-choosing-the-right-tool-2c8f46d1f34
[S114]	Blog, Doc	Def/Features/Idempotency	Ansible	heptabit	https://www.heptabit.at/blog/devops-practices-infrastructure-as-code-iac
[S115]	Blog, Doc	Def/Features/Idempotency	Ansible	cloudnativenow	https://cloudnativenow.com/topics/ephemeral-idempotent-and-immutable-infrastructure/
[S116]	Blog, Doc	Def/Features/Idempotency	Ansible	ibm	https://cloud.ibm.com/docs/schematics?topic=schematics-infrastructure-as-code&mhsrc=ibmsearch_a&mhq=infrastructure+as+code
[S117]	Blog, Doc	Def/Features/Idempotency	Ansible	alibabacloud	https://www.alibabacloud.com/blog/what-is-iac-what-is-the-relationship-between-iac-and-devops-how-is-iac-implemented_598132
[S118]	Blog, Doc	Def/Features/Idempotency	Ansible	LinkedIn	https://www.linkedin.com/pulse/devops-idempotence-principle-infrastructure-code-santosh-poojari/
[S119]	Blog, Doc	Def/Features/Idempotency	Ansible	cloudknit	https://www.cloudknit.io/blog/principles-patterns-and-practices-for-effective-infrastructure-as-code#:~:text=Idempotency%20means%20no%20matter%20how,the%20chances%20of%20inconsistent%20results