# List of URLs

## Chapter 1

* Twitter statistics: <https://about.twitter.com/company>
* Microsoft Azure: More Mature Cloud Platform: <http://aka.ms/asf/maturecloud>
* Microsoft Web Platform Installer: <https://www.microsoft.com/web/downloads/platform.aspx>
* Free one-month trial at [*https://azure.microsoft.com/pricing/free-trial*](https://azure.microsoft.com/pricing/free-trial)
* Microsoft Azure management portal: [*https://portal.azure.com*](https://portal.azure.com)
* Service Fabric Explorer: [*http://localhost:19080/Explorer*](http://localhost:19080/Explorer)
* Service Fabric documentation:[*https://azure.microsoft.com/documentation/services/service-fabric/*](https://azure.microsoft.com/documentation/services/service-fabric/)

## Chapter 2

* WCF at [*https://msdn.microsoft.com/library/ms731082(v=vs.110).aspx*](https://msdn.microsoft.com/library/ms731082(v=vs.110).aspx)
* Vaclav Turecek’s sample code on azure.microsoft.com: [*https://azure.microsoft.com/documentation/articles/service-fabric-reliable-services-communication-webapi*](https://azure.microsoft.com/documentation/articles/service-fabric-reliable-services-communication-webapi)
* ASP.NET: [*http://www.asp.net/*](http://www.asp.net/).
* OWIN: [*http://owin.org/*](http://owin.org/)

## Chapter 3

* “Paxos Made Simple” paper from Leslie Lamport: [*http://research.microsoft.com/en-us/um/people/lamport/pubs/paxos-simple.pdf*](http://research.microsoft.com/en-us/um/people/lamport/pubs/paxos-simple.pdf)

## Chapter 4

* Windows Performance Monitor; [*https://technet.microsoft.com/library/cc749249.aspx*](https://technet.microsoft.com/library/cc749249.aspx).

## Chapter 5

* Deploy a guest executable to Service Fabric: [*https://azure.microsoft.com/documentation/articles/service-fabric-deploy-existing-app*](https://azure.microsoft.com/documentation/articles/service-fabric-deploy-existing-app)

## Chapter 6

* Service affinity limitations: [*https://azure.microsoft.com/documentation/articles/service-fabric-resource-balancer-service-description/*](https://azure.microsoft.com/documentation/articles/service-fabric-resource-balancer-service-description/)
* Testability scenarios*:* [*https://azure.microsoft.com/documentation/articles/service-fabric-testability-scenarios*](https://azure.microsoft.com/documentation/articles/service-fabric-testability-scenarios)

## Chapter 7

* Sample Microsoft Excel workbook: [*http://bit.ly/1ZCBtz0*](http://bit.ly/1ZCBtz0)
* Azure Quickstart Template: [*https://github.com/Azure/azure-quickstart-templates*](https://github.com/Azure/azure-quickstart-templates)
* Authoring an ARM template: [*https://azure.microsoft.com/documentation/articles/resource-group-authoring-templates*](https://azure.microsoft.com/documentation/articles/resource-group-authoring-templates)
* Azure Content Delivery Network: [*https://azure.microsoft.com/services/cdn*](https://azure.microsoft.com/services/cdn)
* Sample source: [*https://azure.microsoft.com/documentation/articles/service-fabric-reliable-actors-pattern-distributed-computation*](https://azure.microsoft.com/documentation/articles/service-fabric-reliable-actors-pattern-distributed-computation)

## Chapter 8

* Azure Service Fabric cmdlets:[*https://msdn.microsoft.com/library/mt125965.aspx*](https://msdn.microsoft.com/library/mt125965.aspx)
* Azure cmdlet reference: [*https://msdn.microsoft.com/library/dn708514.aspx*](https://msdn.microsoft.com/library/dn708514.aspx)
* Git repo: [*https://github.com/ChackDan/Service-Fabric/tree/master/Scripts/ServiceFabricRPHelpers*](https://github.com/ChackDan/Service-Fabric/tree/master/Scripts/ServiceFabricRPHelpers)

## Chapter 9

* Azure Resources Explorer: [*https://resources.azure.com*](https://resources.azure.com)

## Chapter 10

* Elasticsearch: [*https://www.elastic.co/guide/index.html*](https://www.elastic.co/guide/index.html)
* Elasticsearch template on the Azure quickstart template open-source repository: *https://github.com/Azure/azure-quickstart-templates/tree/master/elasticsearch*
* Microsoft Azure Diagnostics with ELK from the Microsoft Patterns & Practices team: [*https://github.com/mspnp/semantic-logging/trefe/elk/*](https://github.com/mspnp/semantic-logging/trefe/elk/)
* Shield: [*https://www.elastic.co/products/shield*](https://www.elastic.co/products/shield)
* Postman: [*https://www.getpostman.com*](https://www.getpostman.com)
* Azure Service Fabric Party Cluster application: [*http://tryazureservicefabric.eastus.cloudapp.azure.com*](http://tryazureservicefabric.eastus.cloudapp.azure.com)
* Party cluster sample: [*https://github.com/Azure-Samples/service-fabric-dotnet-management-party-cluster*](https://github.com/Azure-Samples/service-fabric-dotnet-management-party-cluster)
* OMS website: [*http://www.microsoft.com/OMS*](http://www.microsoft.com/OMS)

## Chapter 11

* VSTS site: [*https://www.visualstudio.com/products/visual-studio-team-services-vs.aspx*](https://www.visualstudio.com/products/visual-studio-team-services-vs.aspx)
* Testability actions data source: <https://azure.microsoft.com/documentation/articles/service-fabric-testability-actions>
* Application testing walkthrough: [*https://www.visualstudio.com/get-started/test/load-test-your-app-vs*](https://www.visualstudio.com/get-started/test/load-test-your-app-vs)
* Set up data retention policies to trim test data: [*https://www.visualstudio.com/get-started/test/how-long-to-keep-test-results*](https://www.visualstudio.com/get-started/test/how-long-to-keep-test-results)
* Netflix open-source Chaos Monkey project: GitHub site: [*https://github.com/Netfl ix/SimianArmy/wiki/Chaos-Monkey/*](https://github.com/Netfl%20ix/SimianArmy/wiki/Chaos-Monkey/)

## Chapter 12

* Azure Marketplace web application templates: [*https://azure.microsoft.com/marketplace/web-applications*](https://azure.microsoft.com/marketplace/web-applications)
* Notification Hubs: [*https://azure.microsoft.com/documentation/articles/notifi cation-hubs-overview/*](https://azure.microsoft.com/documentation/articles/notifi%20cation-hubs-overview/)
* API Management: [*https://azure.microsoft.com/services/api-management*](https://azure.microsoft.com/services/api-management)
* Azure CDN: [*https://azure.microsoft.com/services/cdn*](https://azure.microsoft.com/services/cdn)
* Azure Service Bus: [*https://azure.microsoft.com/services/service-bus*](https://azure.microsoft.com/services/service-bus)

## Chapter 13

* Power BI free trial: [*https://powerbi.microsoft.com*](https://powerbi.microsoft.com)
* Iot Suite [*https://azure.microsoft.com/solutions/iot-suite*](https://azure.microsoft.com/solutions/iot-suite)
* OPC: [*https://opcfoundation.org/*](https://opcfoundation.org/)

## Chapter 14

* Martin Hilbert, “Digital Technology & Social Change (online course)”: [*https://www.youtube.com/playlist?list=PLtjBSCvWCU3rNm46D3R85efM0hrzjuAIg*](https://www.youtube.com/playlist?list=PLtjBSCvWCU3rNm46D3R85efM0hrzjuAIg)
* Sample query: from [*https://azure.microsoft.com/documentation/articles/stream-analytics-stream-analytics-query-patterns*](https://azure.microsoft.com/documentation/articles/stream-analytics-stream-analytics-query-patterns%20)
* Design strategies: [*https://msdn.microsoft.com/library/azure/hh508997.aspx*](https://msdn.microsoft.com/library/azure/hh508997.aspx)
* Event Hub: [*https://azure.microsoft.com/documentation/articles/event-hubs-csharp-ephcs-getstarted*](https://azure.microsoft.com/documentation/articles/event-hubs-csharp-ephcs-getstarted)
* Web Socket listener implementation: [*https://github.com/Azure-Samples/service-fabric-dotnet-data-streaming-websockets*](https://github.com/Azure-Samples/service-fabric-dotnet-data-streaming-websockets)
* AWS Lamda: <https://aws.amazon.com/lambda>
* Google’s Protocol Buffers: [*https://developers.google.com/protocol-buffers*](https://developers.google.com/protocol-buffers)

## Chapter 15

* API extract: [*https://msdn.microsoft.com/library/azure/mt219004*](https://msdn.microsoft.com/library/azure/mt219004)
* Traffic Manager” [*https://azure.microsoft.com/services/traffi c-manager/*](https://azure.microsoft.com/services/traffi%20c-manager/)

## Chapter 16

* Density of the World, 1990–2015: [*http://svs.gsfc.nasa.gov/vis/a000000/a002900/a002912*](http://svs.gsfc.nasa.gov/vis/a000000/a002900/a002912)
* Population estimates: [*http://sedac.ciesin.columbia.edu/gpw*](http://sedac.ciesin.columbia.edu/gpw)
* Voronoi diagram: [*http://mathworld.wolfram.com/VoronoiDiagram.html*](http://mathworld.wolfram.com/VoronoiDiagram.html)

## Chapter 17

* NuGet for .NET: [*https://www.nuget.org*](https://www.nuget.org)
* npm for JavaScript: [*https://www.npmjs.com*](https://www.npmjs.com)
* Python Package Index: [*https://pypi.python.org/pypi*](https://pypi.python.org/pypi)
* Docker Hub for Docker images: [h*ttps://hub.docker.com*](https://hub.docker.com)
* Dynatrace: [*http://www.dynatrace.com*](http://www.dynatrace.com)
* Docker Trusted Registry: [*https://www.docker.com/products/docker-trusted-registry*](https://www.docker.com/products/docker-trusted-registry)
* Docker Swarm: [*https://www.docker.com/products/docker-swarm*](https://www.docker.com/products/docker-swarm)
* Mesos: [*http://mesos.apache.org/*](http://mesos.apache.org/)
* Kubernetes: [*http://kubernetes.io/*](http://kubernetes.io/)
* Deis: [*https://deis.com/*](https://deis.com/)
* NET Core: [*https://dotnet.github.io/*](https://dotnet.github.io/)
* ASP.NET Core 1.0: [*https://get.asp.net/*](https://get.asp.net/)
* Azure Stack: [*https://azure.microsoft.com/overview/azure-stack*](https://azure.microsoft.com/overview/azure-stack)
* Service Fabric package*:* [*http://go.microsoft.com/fwlink/?LinkId=730690*](http://go.microsoft.com/fwlink/?LinkId=730690)
* Azure article:[*https://azure.microsoft.com/documentation/articles/service-fabric-cluster-creation-for-windows-server*](https://azure.microsoft.com/documentation/articles/service-fabric-cluster-creation-for-windows-server)

## Chapter 18

* YouTube video: [*https://en.wikipedia.org/wiki/Charlie\_Bit\_My\_Finger*](https://en.wikipedia.org/wiki/Charlie_Bit_My_Finger)

## Appendix B

* Azure Quickstart Templates GitHub repository: [*https://github.com/Azure/azure-quickstart-templates*](https://github.com/Azure/azure-quickstart-templates)
* Azure Quickstart Template: [*http://aka.ms/asf/azuredeploy.json*](http://aka.ms/asf/azuredeploy.json)
* A five-node cluster: [*https://aka.ms/asf/5-node-cluster*](https://aka.ms/asf/5-node-cluster)
* Afive-node secured cluster with WAD enabled: [*https://aka.ms/asf/5-node-cluster-with-WAD*](https://aka.ms/asf/5-node-cluster-with-WAD)

## Appendix C

* Azure CLI (command-line Interface): [*https://azure.microsoft.com/documentation/articles/xplat-cli-install/*](https://azure.microsoft.com/documentation/articles/xplat-cli-install/)
* Docker Machine: [*https://docs.docker.com/machine/*](https://docs.docker.com/machine/)
* Azure portal: [*https://manage.windowsaure.com*](https://manage.windowsaure.com)
* Docker Hub: [*https://hub.docker.com*](https://hub.docker.com)
* Docker Trusted Registry: [*https://www.docker.com/products/docker-trusted-registry*](https://www.docker.com/products/docker-trusted-registry)
* Docker subscription: ([*https://hub-beta.docker.com/enterprise/*](https://hub-beta.docker.com/enterprise/)
* Azure Quickstart Template: [*https://github.com/Azure/azure-quickstart-templates/tree/master/docker-swarm-cluster*](https://github.com/Azure/azure-quickstart-templates/tree/master/docker-swarm-cluster)
* Docker Swarm: see [*https://docs.docker.com/swarm*](https://docs.docker.com/swarm)
* Azure Quickstart Template: [*https://github.com/Azure/azure-quickstart-templates/tree/master/deis-cluster-coreos*](https://github.com/Azure/azure-quickstart-templates/tree/master/deis-cluster-coreos)
* Deis: [*http://deis.io/*](http://deis.io/)
* A custom script: [*http://kubernetes.io/docs/getting-started-guides/coreos/azure/*](http://kubernetes.io/docs/getting-started-guides/coreos/azure/)
* Kubernetes: [*http://kubernetes.io/*](http://kubernetes.io/)