F5 Synthesis: Reference Architectures - Good for What Ails Your Apps

Lori MacVittie, 2013-15-11

#SDN #SDAS #devops When your application isn't feeling so well you need the right prescription to get it back on track

When you're not feeling so well, you probably go visit a doctor. The doctor - after asking a whole lot of probing questions - might write you a prescription (or in today's digital world, clicks a button) that you need to fill. Which you of course do at a pharmacy. Then you head home and get some well-needed rest.

When your application isn't feeling so well - too slow, being attacked, not scaling well - you can't really pick it up and take it to the doctor's office, can you?
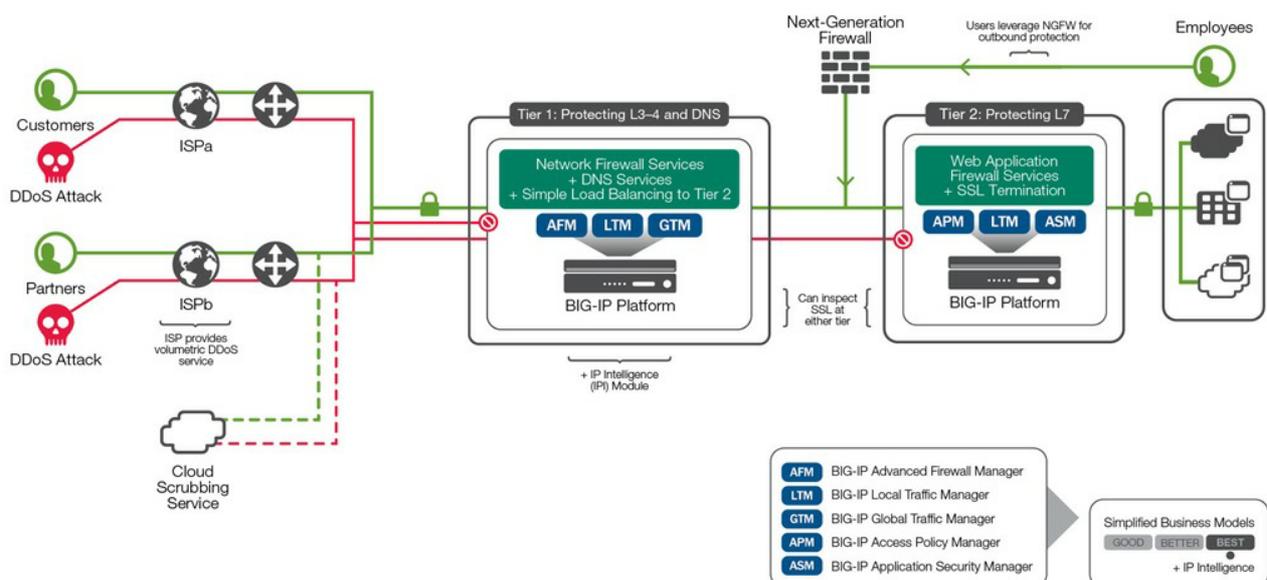
Or maybe you can, in a manner of speaking.

Along with F5 Synthesis, we released a set of new reference architectures (with more to come of course). These reference architectures are what we call *prescriptive.* Like a prescription for what ails you written by your doctor, these prescriptions for what ails your application are designed to address specific issues your application (or data center) may be experiencing.

Rather than take the prescription to the pharmacy, however, you take these to F5 Synthesis pharmacy: Software Defined Application Services (SDAS).

F5 Reference Architectures take advantage of SDAS by laying out a deployment model (the solution topology) as well as guidance on how to configure the services necessary to resolve the problem at hand. Got an issue with DDoS these days (and who doesn't?) - we've got the prescription with our DDoS Reference Architecture. Unlike your doctor's prescription, however, these prescriptions are easy to read and offer a wealth of information including:

- Solution diagrams
- Architecture diagrams
- Product Maps
- Detailed white paper

Here's a great example of the kind of prescriptive guidance offered by a Reference Architecture:

F5 Reference Architectures ensure you know what you need and where it needs to go in the data center to start addressing application and data center issues.

There's plenty more available, too. From security to performance to mobility, we've got the prescription for what ails your application.

You can find the list of reference architectures available today on the F5 Synthesis site and you can learn more about them on our RA YouTube channel. Be sure to check back often as we'll be releasing more (and updating existing as necessary) in the future.

Additional Resources:

1. F5 Synthesis: The Time is Right
2. F5 and Cisco: Application-Centric from Top to Bottom and End to End
3. F5 Synthesis: Software Defined Application Services
4. F5 Synthesis: Integration and Interoperability
5. F5 Synthesis: High-Performance Services Fabric
6. F5 Synthesis: Leave no application behind
7. F5 Synthesis: The Real Value of Consolidation Revealed
8. F5 Reference Architecture Channel on YouTube

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