

# Table of Contents

[Navigate through the document](#)

## **01** Fundamentals of Shellcode and Its Role in Malware

What is shellcode?

## **02** Basics of Encryption and Encoding Techniques for Shellcode

Why Encode or Encrypt Shellcode?

---

### **03** XOR

XOR Encryption Algorithm

### **04** AES

Advanced Encryption Standard

### **05** Speck

Speck Encryption Algorithm

### **06** RC4

RC4 Encryption Algorithm

### **07** RC5

RC5 Encryption Algorithm

### **08** RC6

RC6 Encryption Algorithm

---

### **09** Exercise

### **10** Conclusions